DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

PROGRESS REPORT

****

OCTOBER 2013

1 SALIENT FEATURES OF DELHI POWER SYSTEM

Sr. No.	Features	OCTOBER 2012	OCTOBER 2013
1	**Effective Generation Capacity within Delhi in MW**		
	Rajghat Power House	135	135
	Gas Turbine	270	270
	Pragati Power Corporation Ltd.	330	330
	Badapur Thermal Power Station	705	705
	Rithala GT	108	108
	Bawana	685	902
	TOWMCL	16	16
	Total	2249	2466
2	**Maximum Unrestricted Demand (MW)**	3995	**4316**
	Date	04.10.2012	09.10.2013
	Time	18.52.37	19.26.56
3	**Peak Demand met (MW)**	3995	**4306**
	Date	04.10.2012	09.10.2013
	Time	18.52.37	19.26.56
4	Peak Availability (MW)	4378	4306
5	Shortage (-) / Surplus (+) in MW	(+) 383	(-) 16
6	Percentage Shortage (-) / Surplus (+)	(+) 9.59	(-) 0.37
7	Maximum Energy Consume in a day (Mus)	74.775	83.200
8	Energy Consumed during the month	**1961.688**	**2156.071**
9	**Load Shedding in Mus**		
A)	Due to Grid Restrictions		
i)	Under Frequency Relay Operations	0.007	0.005
ii)	Manual Load shedding from DTL S/Stns.	0.000	0.000
iii)	Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation		
	NDPL	0.531	0.492
	BRPL	0.452	1.084
	BYPL	0.218	0.771
	NDMC	0.000	0.000
	MES	0.000	0.000
iv)	Due to transmission Constraints in Central Sector	0.000	0.439
	Total due to Grid Restriction	**1.208**	**2.791**
B)	Due to Constraints in System in Mus		
	DTL	0.691	0.351
	NDPL	0.929	0.080
	BRPL	0.229	0.383
	BYPL	0.134	0.251
	NDMC	0.000	0.000
	MES	0.000	0.000
	Other Agencies	0.021	0.151
	Total	**2.004**	**1.216**
11	**Grand Total in Mus**	**3.212**	**4.007**

2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING OCTOBER 2013

A) For the month of October 2013

All Figures in MUs

S. No	Stations	Gross Generation	Aux. Consumption	Net Generation	Availability (%)	Backing Down
1.	**RPH**	35.786	5.269	30.517	46.17	8.478
2.	**GT**	71.574	2.410	69.164	79.58	86.330
3.	**PPCL**	190.149	5.037	185.112	87.84	24.483
4.	**BTPS**	344.256	36.674	307.582	77.81	51.179
5.	**Rithala**	0.000	0.123	-0.123	**89.17**	61.01
6.	**Bawana**	22.070	2.998	19.072	101.03	502.864
7.	**Towmcl**	12.654	1.773	10.881	--	--
	TOTAL	**676.489**	**54.284**	**622.205**	**--**	**734.344**

B) For the Year 2013-14 (Upto Ocotber 2013)

Power Station	Effective Capacity (MW)	Net Generation in MUs for Oct. 2013	Availability (%) for Oct. 2013	PLF (%) for Oct 2013	Cumulative Generation in MUs upto Oct 2013 for the year 2013-14	Cumulative Availability in % upto Oct. 2013 for the year 2013-14	Cumulative PLF in % upto Oct. 2013 for the year 2013-14
RPH	135	30.517	46.17	36.65	297.647	55.87	49.87
GT	270	69.164	79.58	35.27	640.946	87.32	47.91
PPCL	330	185.112	87.84	77.56	1356.832	90.02	82.32
BTPS	705	307.582	77.81	66.84	2384.585	93.73	73.71
Rithala	108	-0.123	**89.17**	0	-0.689	**88.76**	**0.06**
Bawana	901.16	19.072	101.03	3.28	615.102	89.66	14.54
Towmcl	16	10.881	--	106.30	55.061	--	--
TOTAL	**2241**	**622.205**	**--**	**--**	**5349.484**	**--**	--

3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI W.E.F. APRIL 2012

(A) RPH STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	67.5	03.04.13	18.35	03.04.13	19.45	Unit tripped due to drum level very low.
		04.04.13	08.55	04.04.13	09.45	Unit tripped due to drum level low.
		14.04.13	10.20	14.04.13	15.40	Unit desynchronised to attend the CW line leakage.
		19.04.13	08.25	19.04.13	16.40	Unit desynchronised to attend the Boiler window repairing.
		19.04.13	17.00	19.04.13	17.30	Unit tripped due to bay no. 20 tripped.
		03.05.13	20.00	05.05.13	03.30	Unit desynchronised to attend the Boiler tube leakage.
		05.05.13	11.40	05.05.13	13.40	Unit tripped due to drum level low.
		05.05.13	15.55	05.05.13	20.15	Dark out due to Reacter on bay no. 9 had been blasted.
		19.05.13	07.10	24.05.13	04.40	Unit desynchronised due to shortage of coal fuel and to attend the CW line leakage.
		25.05.13	01.50	25.05.13	03.20	Unit tripped due to Furnace pr. very high.
		01.06.13	12.40	01.06.13	13.55	Unit tripped due to drum level low.
		02.06.13	11.55	02.06.13	13.05	Unit tripped due to Furnace pr. very high.
		06.06.13	17.10	06.06.13	20.05	Dark out due to 22K 9F, unit tripped.
		16.06.13	18.35	19.06.13	13.50	Unit desynchronised as per system operation.
		21.06.13	22.50	24.06.13	14.50	Unit desynchronised to attend the Boiler tube leakage.
		02.07.13	12.55	02.07.13	14.25	Dark out due to grid disturbance.
		09.07.13	23.30	10.07.13	00.25	Unit tripped due to flame failure.
		10.07.13	00.40	10.07.13	03.40	Unit tripped due to ST-1 trip.
		10.07.13	04.10	10.07.13	04.35	Unit tripped due to furnace pressure high.
		10.07.13	04.40	15.07.13	12.05	Unit tripped due to furnace pressure high (suspected boiler tube leakage).
		16.07.13	11.00	22.07.13	00.05	Unit tripped due to furnace pressure very high.
		22.07.13	03.55	22.07.13	04.25	
		22.07.13	10.45	22.07.13	12.00	Dark out due to 220kv supply failure.
		23.07.13	19.15	01.08.13	23.00	Unit tripped on furnace pressure very high due to boiler tube leakage.
		02.08.13	10.00	02.08.13	10.50	Unit tripped due to flame failure
		03.08.13	10.55	03.08.13	12.35	Dark out due to grid disturbance
		03.08.13	12.45	03.08.13	13.05	Unit tripped due to drum level low
		03.08.13	13.15	03.08.13	13.45	Unit tripped due to turbine trip
		07.08.13	19.35	07.08.13	20.55	Unit tripped due to flame failure
		07.08.13	21.05	07.08.13	22.25	Ujnit tirpped due to drum level very low
		08.08.13	08.05	16.08.13	17.40	Stopped due to low demand and high frequency
		21.08.13	06.55	21.08.13	08.35	Unit tripped due to turbine trip
		22.08.13	02.15	22.08.13	03.00	Unit tripped on furnance pressure very high
		22.08.13	22.00	27.08.13	17.40	Unit tripped due to heavy steam leakage from turbine control valve
		11.09.13	03.23	12.09.13	15.15	Shortage of raw water
		16.09.13	05.05	16.09.13	12.19	Coal mill problem
		22.09.13	05.58	24.09.13	14.00	Stopped due to low demand and high frequency
		27.09.13	23.00	27.09.13	23.30	Furnance pressure high
		28.09.13	17.00	28.09.13	18.00	Flame failure
		28.09.13	18.10	28.09.13	18.35	Furnace pressure very high
		29.09.13	18.45	29.09.13	19.10	Flame failure
		29.09.13	23.20	07.10.13	18.15	Desynchronized to attend main stream temp; control line leakage
		07.10.13	20.50	07.10.13	21.25	Furnace pressure very high
		10.10.13	10.35	14.10.13	10.40	Boiler tube leakage
		25.10.13	23.15	28.10.13	10.25	Stopped due to less demand and high frequency
		28.10.13	10.45	28.10.13	11.15	Drum level high

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	**67.5**	03.04.13	04.10	03.04.13	05.35	Unit tripped due to turbine trip.
		05.04.13	20.00	06.04.13	04.05	Unit desynchronised to attend the economiser tube leakage.
		14.04.13	10.10	14.04.13	18.15	Unit desynchronised to attend the CW line leakage.
		04.05.13	09.20	06.05.13	03.25	Unit desynchronised to attend the Economiser tube leakage.
		11.05.13	17.15	11.05.13	18.00	Unit tripped due to turbine trip.
		11.05.13	23.20	11.05.13	23.45	
		19.05.13	07.15	19.05.13	20.55	Unit desynchronised to attend the CW line leakage.
		24.05.13	05.50	01.06.13	00.25	Unit desynchronised due to shortage of coal fuel.
		01.06.13	19.20	07.06.13	14.20	Unit tripped due to Boiler tube leakage.
		11.06.13	07.15	11.06.13	08.30	Unit tripped due to birdage, bay No. 1 to 9 tripped.
		18.06.13	14.20	18.06.13	15.00	Unit tripped due to turbine trip.
		02.07.13	12.55	02.07.13	14.10	Dark out due to grid disturbance.
		02.07.13	23.55	03.07.13	00.55	Unit tripped due to loss of fuel.
		10.07.13	00.45	10.07.13	02.00	Unit tripped due to emergency board supply failure.
		10.07.13	10.45	10.07.13	11.55	Unit tripped due to furnace pressure very high.
		10.07.13	13.50	10.07.13	17.10	Unit desynchronised due to furnace pressure hunting.
		11.07.13	09.20	12.07.13	19.25	Unit desynchronised, furnace disturbance due to wet coal.
		14.07.13	15.35	14.07.13	16.10	Unit tripped due to furnace pressure very high.
		15.07.13	03.45	15.07.13	04.45	Unit tripped due to furnace pressure high.
		19.07.13	07.50	19.07.13	08.20	Unit tripped due to condensor vaccum low.
		21.07.13	03.55	23.07.13	22.20	Unit desynchronised due to no coal flow.
		24.07.13	17.40	02.08.13	13.20	Unit desynchronised to attend the leakage from ACW line.
		03.08.13	10.55	03.08.13	12.10	Dark out due to grid disturbance
		16.08.13	19.30	23.08.13	22.20	Stopped due to low demand and high frequency
		26.08.13	12.15	26.08.13	13.20	Dark out due to grid disturbance
		28.08.13	22.15	13.09.13	16.23	Unit desynchronised to attend the boiler tube leakage / coal mill problem
		26.09.13	09.55	21.10.13	11.30	Boiler tube leakage
		25.10.13	23.15	26.10.13	00.50	Electrical fault
		30.10.13	16.10	Contd.		Stopped due to low demand

(B) Gas Turbine

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	**30**	01.04.13	0:00	01-04-13	5:45	Stopped due to low demand and high frequency
		03.04.13	16:30	10-04-13	11:25	
		18.04.13	23:20	19-04-13	12:01	Machine stopped to rectify the faulty Controller
		19.04.13	12:15	22-04-13	5:47	Stopped due to low demand and high frequency
		29.04.13	11:31	29-04-13	23:37	
		07.05.13	1:45	13-05-13	14:25	
		13.05.13	16:48	13-05-13	17:10	Machine came on FSNL during charging of 160 MVA Trf.
		18.05.13	13:25	21-05-13	21:10	Stopped due to low demand and high frequency
		30.05.13	21:45	17-06-13	22:55	
		17.06.13	23:15	18-06-13	20:15	
		28.06.13	10:52	28-06-13	22:00	
		28.06.13	22:00	29-06-13	17:00	Machine not available due to problem in Diesel Engine
		29.06.13	17:00	01-07-13	18:05	Stopped due to low demand and high frequency
		01.07.13	21:35	02-07-13	17:45	
		02.07.13	17:45	03-07-13	11:45	Machine could not be started due to problem in EOP
		03.07.13	11:45	08-07-13	8:55	Stopped due to low demand and high frequency
		12.07.13	11:50	15-07-13	8:00	
		15.07.13	9:10	15-07-13	10:40	
		17.07.13	11:20	18-07-13	20:35	
		20.07.13	12:05	27-07-13	21:30	
		27-07-13	21:40	28-07-13	0:12	Machine could not be synchronised due to ignition pressure high trip.
		29-07-13	13:55	29-07-13	15:10	Machine tripped due to GCV reference not followed and loss of flame
		31-07-13	10:40	31-07-13	11:27	Machine came on FSNL due to grid disturbance
		31-07-13	17:30	01.08.13	23:42	Stopped due to low demand and high frequency
		02.08.13	1:40	02.08.13	11:45	
		02.08.13	12:40	04.08.13	10:41	
		06.08.13	15:30	08.08.13	20:41	
		09.08.13	1:20	28.08.13	0:30	
		28.08.13	0:30	28.08.13	3:00	Machine taken out from DC due to leakage in ACW line.
		28.08.13	3:00	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:00	due to leakage in ACW line,GT# 1 not available
		28.08.13	14:00	05.09.13	10:53	Stopped due to low demand and high frequency
		06.09.13	02:17	12.09.13	21:27	
		13.09.13	18:18	07.10.13	12:20	
		11.10.13	09:37	14.10.13	11:15	
		15.10.13	03:02	16.10.13	13:44	
		23.10.13	13:15	31.10.13	23:59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	30	01-04-13	0:00	01-04-13	5:35	Stopped due to low demand and high frequency
		03-04-13	12:02	09-04-13	5:50	
		10-04-13	17:25	11-04-13	11:45	
		28-04-13	21:40	28-04-13	23:45	
		07-05-13	16:30	13-05-13	17:20	
		17-05-13	16:20	28-06-13	22:00	
		28-06-13	22:00	29-06-13	17:00	Machine not available due to problem in Gas Valve
		29-06-13	17:00	02-07-13	17:45	Stopped due to low demand and high frequency
		02-07-13	17:45	03-07-13	13:15	Machine could not be started due to problem in EOP
		03-07-13	13:15	28.08.13	0:30	Stopped due to low demand and high frequency
		28.08.13	0:30	28.08.13	3:00	Machine taken out from DC due to leakage in ACW line.
		28.08.13	3:00	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:00	due to leakage in ACW line,GT# 2 not available
		28.08.13	14:00	31.10.13	23.59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	01-04-13	0:00	01-04-13	7:30	Stopped due to low demand and high frequency
		17-04-13	10:40	22-04-13	8:10	
		28-04-13	21:46	29-04-13	10:55	
		04-05-13	0:05	06-05-13	14:00	
		07-05-13	1:50	07-05-13	12:00	
		11-05-13	19:30	14-05-13	17:15	
		14-05-13	18:23	14-05-13	21:00	
		14-05-13	21:00	17-05-13	15:45	
		06-06-13	17:04	06-06-13	19:00	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		06-06-13	22:47	07-06-13	11:55	Stopped due to low demand and high frequency
		09-06-13	8:09	09-06-13	9:50	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		11-06-13	12:45	12-06-13	7:56	Stopped due to low demand and high frequency
		14-06-13	8:45	17-06-13	20:50	
		23-06-13	23:40	24-06-13	8:16	
		28-06-13	9:40	28-06-13	21:13	
		30-06-13	9:18	01-07-13	17:23	
		02-07-13	12:44	02-07-13	13:40	Machine came on FSNL due to grid disturbance
		12-07-13	14:25	12-07-13	21:30	Stopped due to low demand and high frequency
		11-07-13	11:30	18-07-13	20:40	
		20-07-13	12:06	20-07-13	13:22	
		22-07-13	10:32	22-07-13	10:46	Machine came on FSNL due to grid disturbance
		22-07-13	11:20	22-07-13	12:55	Machine taken on FSNL due to voltage problem,160 MVA Tx. Not synchronised
		27-07-13	11:05	27-07-13	21:45	Stopped due to low demand and high frequency
		28-07-13	20:05	30-07-13	20:53	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	30	31-07-13	10:40	31-07-13	15:55	Machine tripped due to grid disturbance
		03.08.13	10:56	03.08.13	11:23	Machine came on FSNL due to grid disturbance
		03.08.13	11:23	05.08.13	19:30	Stopped due to low demand and high frequency
		06.08.13	15:34	07.08.13	15:40	
		09.08.13	22:15	26.08.13	9:15	
		26.08.13	12:12	26.08.13	12:58	machine tripped due to Grid disturbance
		28.08.13	0:30	28.08.13	2:50	due to leakage in ACW line,GT not available
		08.09.13	12:32	11.09.13	11:55	Stopped due to low demand and high frequency
		12.09.13	12:45	12.09.13	15:06	
		13.09.13	09:15	13.09.13	17:05	
		21.09.13	14:46	24.09.13	08:48	
		02.10.13	00:32	06.10.13	04:55	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	30	01-04-13	0:00	03-04-13	15:50	Stopped due to low demand and high frequency
		17-04-13	10:40	27-04-13	3:15	
		04-05-13	0:02	06-05-13	14:13	
		07-05-13	13:20	07-05-13	15:55	
		11-05-13	19:32	14-05-13	9:58	
		21-05-13	13:10	21-05-13	17:10	
		30-05-13	3:05	05-06-13	11:58	
		06-06-13	17:04	06-06-13	17:15	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		09-06-13	8:09	09-06-13	9:40	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		11-06-13	12:45	12-06-13	7:54	Stopped due to low demand and high frequency
		14-06-13	10:20	17-06-13	23:59	
		18-06-13	0:00	19-06-13	21:45	machine not available due to non availability of 66 KV breaker.
		19-06-13	21:45	21-06-13	9:22	Machine not taken on bar due to less schedule from SLDC.
		24-06-13	14:46	24-06-13	15:30	Stopped due to low demand and high frequency
		28-06-13	9:30	28-06-13	22:00	
		28-06-13	22:00	29-06-13	12:10	machine not available due to non availability of AC AOP
		02-07-13	12:44	02-07-13	13:05	Machine came on FSNL due to grid disturbance
		17-07-13	11:30	18-07-13	23:27	Stopped due to low demand and high frequency
		22-07-13	10:32	22-07-13	11:02	Machine came on FSNL due to grid disturbance
		24-07-13	10:10	01.08.13	22:55	Stopped due to low demand and high frequency
		03.08.13	10:56	03.08.13	11:58	Machine came on FSNL due to grid disturbance
		04.08.13	12:50	05.08.13	20:05	Stopped due to low demand and high frequency
		10.08.13	13:32	26.08.13	9:10	
		26.08.13	12:12	26.08.13	13:05	Machine came on FSNL due to grid disturbance
		28.08.13	0:32	28.08.13	3:00	due to leakage in ACW line,GT not available
		28.08.13	3:00	28.08.13	5:12	Stopped due to low demand and high frequency
		08.09.13	12:34	11.09.13	11:56	
		12.09.13	12:45	12.09.13	15:05	
		15.09.13	12:37	15.09.13	20:02	
		17.09.13	21:30	19.09.13	09:27	
		21.09.13	14:48	24.09.13	07:40	
		03.10.13	16:55	06.10.13	10:05	
		11.10.13	08:36	11.10.13	10:30	Machine tripped on high exhaust temperature

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	30	28-04-13	9:34	06-05-13	13:25	Stopped due to low demand and high frequency
		13-05-13	16:48	14-05-13	9:27	
		14-05-13	9:47	18-05-13	10:56	
		24-05-13	18:52	25-05-13	9:55	Tripped due to R-communication link failure alarm & master protective alarm appeared.
		06-06-13	17:04	06-06-13	17:48	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		09-06-13	8:09	09-06-13	8:54	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		09-06-13	8:54	10-06-13	7:47	Machine not taken on load due to low schedule from SLDC
		17-06-13	12:17	17-06-13	14:00	Machine tripped on Bus under Voltage alarm as 66 KV bus became dead due to tripping of 160 MVA Tx-I & II .
		18-06-13	13:53	18-06-13	15:45	Machine tripped at IGV Control trouble and Fire Protection Alarm.
		02-07-13	12:44	02-07-13	13:08	Machine came on FSNL due to grid disturbance
		06-07-13	10:55	08-07-13	9:15	Stopped due to low demand and high frequency
		08-07-13	11:32	11-07-13	23:00	
		11-07-13	23:00	12-07-13	10:29	Machine could not be synchronised due to Overall diff. opearted problem
		12-07-13	20:42	15-07-13	8:55	Stopped due to low demand and high frequency
		16-07-13	8:29	16-07-13	9:55	Machine tripped on electrical trouble normal shut down (Due to MVR problem)
		17-07-13	3:00	17-07-13	5:00	
		20-07-13	13:33	23-07-13	21:15	Stopped due to low demand and high frequency
		31-07-13	10:40	31-07-13	10:50	Machine came on FSNL due to grid disturbance
		03.08.13	10:56	03.08.13	11:10	Machine came on FSNL due to grid disturbance
		07.08.13	14:45	08.08.13	21:05	Stopped due to low demand and high frequency
		26.07.13	12:12	26.08.13	12:38	Machine came on FSNL due to grid disturbance
		26.08.13	20:00	27.08.13	11:10	Stopped due to low demand and high frequency
		28.08.13	0:25	28.08.13	2:55	due to leakage in ACW line,GT not available
		30.08.13	22:15	04.09.13	15:00	Stopped due to low demand and high frequency
		02.10.13	00:30	03.10.13	15:15	
		05.10.13	21:14	05.10.13	22:05	Machine tripped due to Grid disturbance
		06.10.13	10:08	07.10.13	07:45	Stopped due to low demand and high frequency
		07.10.13	14:03	31.10.13	23:59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
6	30	10-04-13	12:45	10-04-13	16:30	Stopped due to low demand and high frequency
		21-04-13	12:42	22-04-13	10:15	
		28-04-13	9:32	30-04-13	0:40	
		13-05-13	13:00	13-05-13	16:48	Tripped due to heavy jerk observed in control room.
		13-05-13	16:48	14-05-13	10:38	Stopped due to low demand and high frequency
		14-05-13	18:00	21-05-13	11:05	
		29-05-13	10:42	29-05-13	12:30	Oil temp gauge which is mounted on T/F was founded tilted by at least 30 which leads to maloperation of mercury switch and relay 26 TP-I & 26TP-II operated causing the machine tripped on Electrical trouable normal shutdown
		06-06-13	17:04	06-06-13	17:52	Machine came on FSNl due to tripping of 160 MVA Tr-I & II at IP Extension end.
		06-06-13	22:50	07-06-13	12:04	Stopped due to low demand and high frequency
		09-06-13	8:09	09-06-13	8:54	Machine came on FSNL due to tripping of 160 MVA Tr-I & II Buchholtz relay operated after that tripped on Lube oil temperature high as the auxiliary supply failed .
		09-06-13	8:54	10-06-13	7:52	Machine not taken on load due to low schedule from SLDC
		14-06-13	8:50	14-06-13	10:05	Stopped due to low demand and high frequency
		17-06-13	12:17	17-06-13	17:10	Machine tripped on Reverse Power relay operated as 66 KV bus become dead due to tripping of 160 MVA transformer I & II.
		30-06-13	9:07	01-07-13	17:25	Stopped due to low demand and high frequency
		02-07-13	12:44	02-07-13	13:10	Machine came on FSNL due to grid disturbance
		06-07-13	10:50	08-07-13	9:01	Stopped due to low demand and high frequency
		08-07-13	11:37	11-07-13	19:50	
		12-07-13	14:25	15-07-13	6:24	
		20-07-13	13:30	24-07-13	9:25	
		31-07-13	10:40	31-07-13	11:36	Machine came on FSNL due to grid disturbance
		03.08.13	10:56	03.08.13	11:15	Machine came on FSNL due to grid disturbance
		07.08.13	16:30	08.08.13	20:47	Stopped due to low demand and high frequency
		09.08.13	22:15	10.08.13	12:30	
		26.08.13	12:12	26.08.13	12:18	Machine came on FSNL due to grid disturbance
		26.08.13	19:20	27.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	0:26	28.08.13	0:30	due to leakage in ACW line,GT not available
		28.08.13	0:30	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:00	Machine not avalable due to Gas Valve leakage
		28.08.13	14:00	04.09.13	15:15	Stopped due to low demand and high frequency
		17.09.13	21:31	19.09.13	09:30	
		05.10.13	21:14	05.10.13	23:02	Machine tripped due to Grid disturbance
		06.10.13	05:20	08.10.13	07:49	Stopped due to low demand and high frequency
		07.10.13	13:03	31.10.13	23:59	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-1	30	01-04-13	0:00	01-04-13	9:15	Stopped due to low demand and high frequency
		01-04-13	9:30	01-04-13	11:10	Machine stopped due to inspection of high Vibration
		03-04-13	16:30	09-04-13	8:25	Stopped due to low demand and high frequency
		29-04-13	11:31	30-04-13	2:05	
		07-05-13	16:30	13-05-13	19:15	
		18-05-13	13:25	22-05-13	0:10	
		30-05-13	21:45	18-06-13	23:54	
		28-06-13	10:52	28-06-13	22:00	
		28-06-13	22:00	29-06-13	17:00	Machine not available due to Non availability of GTs
		29-06-13	17:00	01-07-13	21:00	Stopped due to low demand and high frequency
		01-07-13	21:00	01-07-13	23:59	Machine not available due to problem in both BFPs.
		02-07-13	0:00	02-07-13	17:45	Stopped due to low demand and high frequency
		02-07-13	17:45	03-07-13	11:45	Macine not available due to non availability of GTs.
		03-07-13	13:15	08-07-13	10:15	Stopped due to low demand and high frequency
		12-07-13	11:50	15-07-13	13:00	
		17-07-13	11:25	18-07-13	23:15	
		20-07-13	12:10	27-07-13	21:30	
		27-07-13	21:30	28-07-13	0:12	
		28-07-13	0:12	28-07-13	1:55	
		29-07-13	13:55	29-07-13	16:00	Tripped due to tripping of GT#1
		31-07-13	10:40	31-07-13	13:55	Machine tripped due to grid disturbance
		31-07-13	17:30	02.08.13	13:15	Stopped due to low demand and high frequency
		02.08.13	13:15	02.08.13	18:15	Due to oil leakage from Turbine side machine taken under shut down by M-II
		02.08.13	18:15	04.08.13	12:45	Stopped due to low demand and high frequency
		06.08.13	15:29	08.08.13	22:40	
		09.08.13	1:20	25.08.13	23:59	
		28.08.13	0:30	28.08.13	3:00	Machine not available due to Non availability of GT#1 and 2
		28.08.13	3:00	28.08.13	11:45	Stopped due to low demand and high frequency
		28.08.13	11:45	28.08.13	14:10	due to leakage in ACW line,GT# 1 and 2 not available
		28.08.13	14:00	05.09.13	15:45	Stopped due to low demand and high frequency
		06.09.13	02:13	12.09.13	22:30	
		13.09.13	18:18	07.10.13	17:10	
		10.10.13	12:12	10.10.13	13:48	machine stopped to carry out C&I work
		11.10.13	09:37	14.10.13	13:58	Stopped due to low demand and high frequency
		14.10.13	21:50	16.10.13	16:58	Machine not available due to PROBLEM IN CONTROL VALVE
		23.10.13	23:15	31.10.13	23:59	Stopped due to low demand and high frequency

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG -2	**30**	01.04.13	0:00	01.04.13	11:25	Stopped due to low demand and high frequency
		16.04.13	10:40	22.04.13	11:45	
		23.04.13	12:14	23.04.13	13:09	Machine tripped due to malfunctioning of MS-14 Valve
		27.04.13	5:30	27.04.13	6:15	Machine tripped in the jerk.
		28.04.13	21:46	29.04.13	11:30	Stopped due to low demand and high frequency
		04.05.13	0:02	06.05.13	17:05	
		11.05.13	19:30	14.05.13	13:57	
		19.05.13	1:25	19.05.13	3:05	Machine Tripped on Exhaust pressure high.
		05.06.13	1:01	05.06.13	2:21	Tripped due to sudden drop in vaccum without appearing alarm in annunciation pannel.
		06.06.13	17:04	06.06.13	18:55	Machine tripped as the GT#3 & 4 came on FSNL due to tripping of 160 MVA Tx-I & II at IP Extn end.
		09.06.13	8:09	09.06.13	11:52	Machine tripped as corresponding GT came on FSNL due to tripping of 160 MVA Tr-I & II on Buchholtz relay operated .
		10.06.13	11:42	10.06.13	12:50	Machine stopped to attend
		11.06.13	12:45	12.06.13	10:35	Stopped due to low demand and high frequency
		14.06.13	8:45	17.06.13	23:45	
		23.06.13	21:35	23.06.13	23:20	Machine tripped on LLVT tank v. High Alarm
		28.06.13	9:40	28.06.13	23:15	Stopped due to low demand and high frequency
		02.07.13	12:44	02.07.13	14:25	Machine tripped due to grid disturbance.
		17.07.13	11:35	18.07.13	23:20	Stopped due to low demand and high frequency
		22.07.13	9:35	22.07.13	12:40	Machine tripped due to grid disturbance.
		27.07.13	11:07	27.07.13	23:15	Stopped due to low demand and high frequency
		28.07.13	20:07	31.07.13	3:00	
		31.07.13	10:40	31.07.13	17:24	Machine tripped due to grid disturbance.
		03.08.13	10:56	03.08.13	13:07	machine tripped due to Grid disturbance
		04.08.13	12:50	05.08.13	21:35	Stopped due to low demand and high frequency
		10.08.13	13:32	26.08.13	18:39	
		28.08.13	0:32	28.08.13	3:00	Machine not available due to Non availability of GT#3 and 4
		28.08.13	3:00	28.08.13	4:45	Stopped due to low demand and high frequency
		08.09.13	12:37	11.09.13	14:15	
		13.09.13	09:15	13.09.13	11:13	
		21.09.13	14:48	24.09.13	10:20	
		03.10.13	16:55	06.10.13	09:34	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG-3	30	05-04-13	17:05	05-04-13	18:20	Machine stopped mannualy to attend oil Leakage from Secondary oil Pressure line
		28-04-13	9:34	30-04-13	4:25	Stopped due to low demand and high frequency
		03-05-13	17:41	03-05-13	19:04	Machine stopped due to problem in drum level indication and level problem.
		13-05-13	13:00	13-05-13	16:48	Tripped due to heavy jerk observed in control room.
		13-05-13	16:48	14-05-13	13:50	Stopped due to low demand and high frequency
		14-05-13	18:00	18-05-13	13:05	
		03-06-13	9:22	03-06-13	10:07	Machine tripped on Hot well very high alarm as the Control valve CD-34 left the auto and closed. Another Stream CD-37 tried to be taken into service, in the mean time machine tripped on hot well high alarm.
		06-06-13	17:04	06-06-13	18:30	Machine tripped as the GT#5 & 6 came on FSNL due to tripping of 160 MVA Tx-I & II at IP Extn end.
		09-06-13	8:09	09-06-13	8:54	Machine tripped as corresponding GT came on FSNL due to tripping of 160 MVA Tr-I & II on Buchholtz relay operated .
		09-06-13	8:54	10-06-13	10:14	Machine not taken on load due to low schedule from SLDC
		15-06-13	1:58	15-06-13	2:58	Tripped due to LLVT tank level high.
		17-06-13	12:17	17-06-13	15:12	Machine tripped due to both GTs tripped due to Tripping of 160 MVA Tx.
		02-07-13	12:44	02-07-13	14:35	Machine tripped due to grid disturbance.
		06-07-13	10:55	08-07-13	10:15	Stopped due to low demand and high frequency
		08-07-13	10:15	11-07-13	23:07	Machine stopped to attend oil leakage from Oil catcher.
		12-07-13	20:42	15-07-13	8:40	Stopped due to low demand and high frequency
		20-07-13	12:37	20-07-13	13:33	Machine tripped manually due to stucking of MS-14 valve and not opearting of MS-11 and MS-13 valve.
		20-07-13	13:33	24-07-13	2:05	Stopped due to low demand and high frequency
		31-07-13	10:40	31-07-13	12:27	Machine tripped due to grid disturbance.
		03.08.13	10:56	03.08.13	12:02	Machine tripped due to Grid disturbance
		07.08.13	16:32	09.08.13	1:12	Stopped due to low demand and high frequency
		17.08.13	11:48	17.08.13	12:45	All the parameters of Turbovisiory and Electronic governor disappeared resulting tripping of steam turbine.
		26.08.13	12:12	26.08.13	13:57	Machine tripped due to Grid disturbance
		26.08.13	18:24	27.08.13	13:48	Stopped due to low demand and high frequency
		28.08.13	0:30	28.08.13	3:00	Machine not available due to Non availability of GT#5 and 6
		28.08.13	3:00	28.08.13	6:30	Stopped due to low demand and high frequency
		30.08.13	22:18	04.09.13	18:00	
		05.10.13	21:14	07.10.13	12:00	Machine tripped due to Grid disturbance and not taken on load due to less demand
		07.10.13	12:00	31.10.13	23:59	Machine not available due to problem in control valve

(C) PRAGATI STATION

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	104	23.05.13	14.29	23.05.13	14.56	Tripped due to Gas Fuel Pr. Low by GAIL
		15.06.13	21.55	17.06.13	9.00	No schedule to run GT#1 on Open Cycle.
		17.06.13	9.00	24.06.13	0.26	Tripped on internal fualt
		25.06.13	22.00	26.06.13	2.00	
		26.06.13	2.00	26.06.13	13.42	No schedule of GT#1 in OC due to low demand, HRSG#1 not available-FW104 stuck
		09.07.13	19.03	09.07.13	19.50	Tripped on internal fualt
		22.07.13	10.43	22.07.13	12.26	Tripped due to Grid Distrubance
		23.07.13	16.28	23.07.13	19.29	Tripped on internal fualt
		03.09.13	13.10	03.09.13	14.14	
		28.09.13	06.01	29.09.13	16.30	Stopped to attend generation winding temprature.
		14.10.13	12.22	14.10.13	12.49	Tripped on internal fualt
		17.10.13	12.39	17.10.13	13.47	

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	104	21.04.13	8.15	21.04.13	18.15	Stopped by DTL to attend hot spot.
		21.04.13	18.15	23.04.13	6.31	Tripped on internal fualt
		26.04.13	6.45	26.04.13	8.37	
		14.05.13	13.28	14.05.13	14.13	
		06.06.13	17.10	06.06.13	18.05	Tripped due to Grid Distrubance
		01.07.13	16.02	01.07.13	17.40	Tripped on internal fualt
		02.07.13	12.54	02.07.13	13.55	Tripped due to Grid Distrubance
		08.07.13	11.37	08.07.13	12.48	Tripped on internal fualt
		22.07.13	10.43	22.07.13	11.52	Tripped due to Grid Distrubance
		03.08.13	10.57	03.08.13	11.08	Tripped due to Grid Distrubance
		15.08.13	10.48	16.08.13	16.31	Stopped due to low demand and high frequency
		26.08.13	12.15	26.08.13	12.26	Tripped due to Grid Distrubance
		28.08.13	6.07	29.08.13	8.53	Stopped due to low demand and high frequency
		29.08.13	20.40	29.08.13	22.30	Tripped on internal fualt
		24.09.13	02.34	24.09.13	09.44	Tripped due to grid disturbance
		05.10.13	21.17	05.10.13	22.05	
		15.10.13	13.06	19.10.13	12.19	Tripped on internal fualt

Unit No	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	122	17.04.13	18.37	17.04.13	19.52	Tripped on internal fualt
		21.04.13	11.44	21.04.13	14.15	
		21.04.13	14.15	21.04.13	18.36	Shut down contineued by DTL to attend hot spot.
		06.06.13	17.10	06.06.13	18.50	Tripped due to Grid Distrubance
		02.07.13	12.54	02.07.13	15.02	
		09.07.13	19.03	09.07.13	20.15	Tripped on internal fualt
		22.07.13	10.43	22.07.13	15.53	Tripped due to Grid Distrubance
		23.07.13	16.28	23.07.13	17.42	Tripped on internal fualt
		03.08.13	10.57	03.08.13	11.47	Tripped due to Grid Distrubance
		26.08.13	12.15	26.08.13	13.35	Tripped due to Grid Distrubance
		29.08.13	20.45	29.08.13	22.52	Tripped on internal fualt
		03.09.13	13.18	03.09.13	14.25	
		10.09.13	00.34	10.09.13	01.32	
		05.10.13	21.17	05.10.13	23.30	Tripped due to Grid Distrubance
		07.10.13	18.55	10.10.13	09.03	Tripped on internal fualt
		17.10.13	12.39	17.10.13	14.31	

(D) BADARPUR THERMAL POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	95	01.04.13	0:00	01.04.13	19:18	Reserve Shutdown
		12.05.13	18:18	12.05.13	21:20	Grid Disturbance
		04.06.13	22:45	05.06.13	23:45	Water Wall tube leakage
		13.06.13	10:58	13.06.13	11:32	Furnace Disturbance
		16.06.13	18:38	21.06.13	14:14	Reserve Shutdown
		09.07.13	20:41	15.07.13	2400	
		19.07.13	3:28	20.07.13	18:14	
		26.07.13	14:36	29.07.13	16:00	
		10.08.13	15:12	10.08.13	16:00	
		10.08.13	17:11	10.08.13	23:15	Furnace Disturbance
		10.08.13	23:15	14.09.13	21.06	Stopped due to low demand and high frequency
		17.09.13	03:13	17.09.13	04:06	
		22.09.13	14:00	22.09.13	15:08	
		22.09.13	23:52	23.09.13	01:00	Furnace Disturbance
		23.09.13	01:00	23.09.13	21:00	Platen Superheater leakage
		23.09.13	21:00	22.10.13	12.54	Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	95	12.05.13	18:18	12.05.13	20:07	Grid Disturbance
		28.06.13	10:32	28.07.13	9:56	
		08.08.13	11:01	10.08.13	22:09	Reserve Shutdown
		23.08.13	13:14	23.08.13	14:15	Furnace Disturbance
		21.09.13	19:57	23.09.13	19:49	Stopped due to low demand and high frequency
		02.10.13	07:50	02.10.13	08:40	
		02.10.13	09:21	02.10.13	10:01	Furnace Disturbance
		02.10.13	11:07	04.10.13	00:12	Superheater leakage

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	95	03.04.13	19:55	22.04.13	13:40	Planned Shutdown
		12.05.13	18:18	12.05.13	20:20	Grid Disturbance
		26.05.13	12:41	27.05.13	12:58	Economiser Tube leakage
		13.06.13	10:40	18.06.13	12:04	Reserve Shutdown
		04.07.13	5:45	04.07.13	7:06	Furnace Disturbance
		18.07.13	11:39	19.07.13	2:48	Reserve Shutdown
		01.08.13	21:28	02.08.13	13:43	Water Wall tube leakage
		03.08.13	3:45	03.08.13	6:14	
		03.08.13	17:10	03.08.13	18:02	
		06.08.13	11:15	06.08.13	11:56	Furnace Disturbance
		07.08.13	11:40	15.09.13	07.21	Reserve Shutdown
		19.09.13	05:19	19.09.13	06:50	
		19.09.13	21:01	19.09.13	21:42	
		28.09.13	10:05	28.09.13	19:22	Furnace Disturbance
		02.10.13	00:08	03.10.13	05:28	Reserve S/D
		08.10.13	19:16	08.10.13	20:32	Furnace Disturbance
		09.10.13	22:20	10.10.13	00:49	HT motor problem- feed pump drive
		11.10.13	17:15	16.10.13	18:40	Reserve S/D
		22.10.13	14:04	22.10.13	14:42	
		31.10.13	21:22	31.10.13	22:03	Furnace Disturbance

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
4	210	09.04.13	22:17	10.04.13	2:07	MDBFP relay malfunction
		12.05.13	18:18	12.05.13	21:35	Grid Disturbance
		25.05.13	7:28	23.05.13	15:34	UAT 4A diff relay casing shorted
		11.06.13	15:35	13.06.13	7:48	Reserve Shutdown
		10.08.13	10:24	10.08.13	13:40	AVR & Excitation system
		14.09.13	04:34	15.09.13	23:01	Water Wall tube leakage

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
5	210	09.05.13	0:06	09.05.13	15:57	APH 5B NDE Bearing vibration high
		11.05.13	19:48	14.05.13	12:17	Reserve Shutdown
		16.06.13	15:58	16.06.13	17:09	CW Shortage
		24.06.13	16:23	24.06.13	17:45	Furnace Disturbance
		24.06.13	18:04	24.06.13	19:03	
		27.06.13	14:20	27.06.13	18:31	AVR & Excitation System
		04.07.13	0:12	04.07.13	1:15	Furnace Disturbance
		27.07.13	19:16	30.07.13	1:24	Steam Cooled W/Wall leakage
		01.08.13	20:43	02.08.13	18:30	Drum manhole leakage
		14.08.13	19:00	15.08.13	10:15	Water Wall tube leakage
		15.08.13	10:15	16.08.13	7:13	Reserve S/D
		04.09.13	13:23	06.09.13	09:11	Water Wall tube leakage
		06.09.13	13:39	07.09.13	21:32	Economiser Tube leakage
		04.10.13	14:37	05.10.13	17:55	Reserve S/D
		07.10.13	03:48	08.10.13	23:48	3.3/6.6/11KV Bus breaker problem
		23.10.13	00:50	20.11.13	18:42	Planned shutdown

(E) BAWANA CCGT POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	216	01.04.13	00:00	01.04.13	8:39	Combustion inspection
		05.04.13	10:55	21.04.13	23.59	M/C under planned shut down due to CW interconnection/CW sump cleaning/Diverter Damper setting
		19.06.13	00.26	19.06.13	02.42	G.T. -1 tripped due to Hot gas temp high.
		20.06.13	20.42	05.08.13	09.10	Stopped due to low demand and high frequency
		19.08.13	14.27	26.08.13	11.54	Stopped due to low demand and high frequency
		25.09.13	12.05	Contd.		

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	216	05.04.13	13:13	12.04.13	19.02	M/C under planned shut down due to CW interconnection/CW sump cleaning/Diverter Damper setting up to 12.04.13
		14.04.13	13.40	25.04.13	08.57	Stopped due to low demand and high frequency
		29.04.13	22.25	30.04.13	06.25	M/C Stopped due to gas leakage in pipe line
		07.05.13	20:38	08.05.13	0:26	CW Pump Motor Failure
		29.05.13	13:57	29.05.13	15:30	GT#2 tripped on EPB press by default
		03.06.13	10:54	03.06.13	13:53	GT #2 tripped due to its rotor earth fault
		06.06.13	22.50	10.06.13	12.38	Stopped due to low demand and high frequency
		13.06.13	08.14	20.06.13	18.33	Stopped due to low demand and high frequency
		21.06.13	08:21	21.06.13	12:54	GT #2 tripped due to difference in G-1 feedback
		30.06.13	14:16	30.06.13	14:58	GT#2 Tripped on Excitation tripping
		12.07.13	15.00	03.10.13	13.22	Stopped due to low demand and high frequency
		03.10.13	16.07	07.10.13	14.48	
		10.10.13	15.56	10.10.13	17.10	Tripped due to isolation of LPC 02
		11.10.13	10.40	Contd.		

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
3	216	28.10.13		Contd.		Commissioned on 28.10.13 and Stopped due to low demand and high frequency

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	254	01.04.13	0:00	27.04.13	19.19	M/C under planned shut down due to CW interconnection/CW sump cleaning/Diverter Damper setting up to 12.04.13 after force shutdown due to bearing failure of turbine up to 25.04.13 and 25.04.13 to 27.04.13 due to generator IR value low
		29.04.13	22:25	30.04.13	6:25	M/C Stopped due to gas leakage in pipe line
		30.04.13	22:07	30.04.13	23:37	GT#2 Diverted damper is closed
		07.05.13	20:35	08.05.13	3:12	CW Pump A Motor Failure
		08.05.13	11:57	08.05.13	13:19	CW Pump B Motor winding temperature increased up to threshold limit
		29.05.13	13:57	29.05.13	16:50	STG trip on GT trip
		03.06.13	10:54	03.06.13	15:57	
		06.06.13	22.50	10.06.13	17.50	Stopped due to low demand and high frequency
		13.06.13	08.16	19.06.13	09.10	
		21.06.13	08:21	21.06.13	13:00	STG trip on GT trip
		27.06.13	18:01	27.06.13	18:42	GT#2 Diverted damper is closed
		29.06.13	17:31	29.06.13	18:29	CW Pump B Discharge valve closed
		30.06.13	14:16	30.06.13	15:34	STG trip on GT trip
		12.07.13	15.00	05.08.13	11.58	Stopped due to low demand and high frequency
		19.08.13	14.29	26.08.13	17.41	
		31.08.13	12.52	31.08.13	14.12	STG tripped on internal fault
		25.09.13	12.00	07.10.13	20.20	Stopped due to low demand and high frequency
		10.10.13	15.56	10.10.13	18.06	Tripped due to tripping of GT-2
		11.10.13	10.50	CONTD.		

(E) RITHALA POWER STATION

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
1	31.8	19.03.13	17:32	Contd.		No schedule have been given by SLDC on Spot gas

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
2	31.8	05.03.13	15:38	07.06.13	12:05	No schedule have been given by SLDC on Spot gas Gas turbine taken on spot)
		07.06.13	22:41	Contd.		No schedule have been given by SLDC on Spot gas

Unit	Capacity in MW	Outage		Synchronization		Reason of Outage
		Date	Time	Date	Time	
STG	31.8	27.02.13	00:01	07.06.13	17:40	No schedule have been given by SLDC on Spot gas
		07.06.13	22:38	Contd.		No schedule have been given by SLDC on Spot gas

4 ALLOCATION OF POWER TO DELHI

A) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 19.01.2013

Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	500	75	66	57	0	0	57
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3305**	**206**	**380**	**361**	**0**	**0**	**361**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**127**	**0**	**0**	**127**
Total	**16807**	**1915**	**3007**	**2660**	**0**	**0**	**2660**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	1000	76	231	201	0	0	201
Grand Total	**24017**	**2144**	**3528**	**3102**	**0**	**0**	**3102**

B) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 01.08.2013

Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	2	3	4	5	6	7	(8)=(5)+(7)
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	500	75	66	57	0	0	57
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI HEP	480	0	53	50	0	0	50
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3305**	**206**	**380**	**361**	**0**	**0**	**361**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP(B)	440	66	0	0	0	0	0
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**1320**	**194**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	123	0	0	123
THDC							
Tehri Hydro	1000	99	103	89	0	0	89
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**127**	**0**	**0**	**127**
Total	**16807**	**1915**	**3007**	**2660**	**0**	**0**	**2660**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Talchar	1000	0	0	0	0	0	0
Tala HEP	1020	153	30	25	0	0	25
Mejia TPS Unit-6	250	0	29	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**6210**	**153**	**290**	**242**	**0**	**0**	**242**
Joint Venture							
Jhajjar TPS	1500	114	377	327	0	0	327
Grand Total	**24517**	**2182**	**3674**	**3229**	**0**	**0**	**3229**

C) Allocation of power to Delhi from Unallocated quota of Central Sector Generating Stations to Delhi w.e.f. 11.10.2013

Time block 00.00hrs. to 24.00hrs. @ 0% allocation from Unallocated Quota

Name of the Stn	Installed capacity	Total Un-allocated	Basic Allocation	Basic Allocation at periphery	Allocation out of Unallocated Quota	Allocation out of Un-allocation Quota at Delhi periphery	Total allocation at Delhi periphery
1	**2**	**3**	**4**	**5**	**6**	**7**	**(8)=(5)+(7)**
NTPC STATIONS							
Singrauli STPS	2000	300	150	130	0	0	130
Rihand-I	1000	150	100	87	0	0	87
Rihand Stage -II	1000	150	126	109	0	0	109
Rihand Stage -III	500	75	66	57	0	0	57
ANTA GPS	419	63	44	41	0	0	41
Auriya GPS	663.36	99	72	67	0	0	67
Dadri GPS	829.78	129	91	85	0	0	85
Dadri NCTPS (Th)	840	0	756	657	0	0	657
Dadri NCTPS (Th) Stage-II	980	147	735	639	0	0	639
Unchahaar-I TPS	420	20	24	21	0	0	21
Unchahaar-II TPS	420	63	47	41	0	0	41
Unchahaar-III TPS	210	31	29	25	0	0	25
TOTAL	**9282**	**1227**	**2240**	**1959**	**0**	**0**	**1959**
NHPC							
Baira Suil HPS	180	0	20	19	0	0	19
Salal HPS	690	0	80	76	0	0	76
Tanakpur HEP	94	0	12	11	0	0	11
Chamera HEP	540	0	43	41	0	0	41
Chamera-II HEP	300	54	40	38	0	0	38
Chamera-III HEP	231	35	29	28	0	0	28
URI HEP-I	480	0	53	50	0	0	50
URI HEP-II	120	18	16	15	0	0	15
Sewa HEP	120	18	16	15	0	0	15
Dhauli Ganga HEP	280	42	37	35	0	0	35
Dulhasti HEP	390	58	50	48	0	0	48
TOTAL	**3425**	**224**	**396**	**377**	**0**	**0**	**377**
NPC							
Narora APS	440	64	47	41	0	0	41
RAPP (C)	440	64	56	49	0	0	49
TOTAL	**880**	**128**	**103**	**89**	**0**	**0**	**89**
SVJNL							
Nathpa Jhakri HEP	1500	149	142	135	0	0	135
THDC							
Tehri Hydro	1000	99	103	98	0	0	98
Koteshwar HEP	400	40	39	37	0	0	37
TOTAL	**1400**	**139**	**142**	**135**	**0**	**0**	**135**
Total	**16487**	**1867**	**3023**	**2695**	**0**	**0**	**2695**
Allocation from ER and Tala HEP							
Farakka	1600	0	22	19	0	0	19
Kahalgaon	840	0	51	43	0	0	43
Tala HEP	1020	153	30	25	0	0	25
Kahalgaon-II	1500	0	157	131	0	0	131
Total ER	**4960**	**153**	**261**	**217**	**0**	**0**	**217**
Joint Venture							
Jhajjar TPS	1500	114	377	327	0	0	327
Grand Total	**22947**	**2134**	**3661**	**3240**	**0**	**0**	**3240**

5 ALLOCATION OF POWER TO DISCOMS

A) ALLOCATION OF POWER TO VARIOUS LISCENCEES AS PER ORDER OF DERC AND DECISION OF GNCTD FOR ALLOCATION OF CENTRAL SECTOR STATIONS (DADRI THERMAL & BTPS) AND STATE SECTOR GENERATING STATIONS w.e.f. 01.04.2011.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.98	0.00	24.18	36.87	23.97	100.00
3. BTPS	15.94	7.09	21.88	33.37	21.72	100.00
4. RPH	0.85	0.00	28.39	42.97	27.79	100.00
5. GT	0.93	0.00	28.28	42.99	27.80	100.00
6. Pragati	26.69	0.00	20.77	31.76	20.7	100.00
7. DVC	0.00	0.00	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

(B) 00.00hrs. to 10.00hrs. and 17.00hrs. to 24.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0.00	0.00	29.18	43.58	27.24	100.00
2. Dadri (Th)	14.05	0.00	24.18	36.87	24.90	100.00
3. BTPS	15.07	7.09	21.88	33.37	22.59	100.00
4. RPH	0.00	0.00	28.390	42.97	28.64	100.00
5. GT	0.00	0.00	28.28	42.99	28.73	100.00
6. Pragati	25.76	0.00	20.77	31.76	21.71	100.00
7. DVC	0.00	0.00	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

* 20% POWER OF BAWANA CCGT ALLOCATED TO HARYANA (10%) & PUNJAB (10%)

B) ALLOCATION OF POWER TO VARIOUS LISCENCEES AS PER ORDER OF DERC AND DECISION OF GNCTD FOR ALLOCATION OF CENTRAL SECTOR STATIONS (DADRI THERMAL & BTPS) AND STATE SECTOR GENERATING STATIONS w.e.f. 06.08.2013.

(Allocation In %)

(A) 10.00hrs. to 17.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0	0	29.18	43.58	27.24	100.00
2. Dadri (Th)	16.63	0	24.22	36.86	22.39	100.00
3. BTPS	17.73	7.09	21.81	33.2	20.17	100.00
4. RPH	0	0	29.025	44.133	26.842	100.00
5. GT	0	0	29.02	44.16	26.82	100.00
6. Pragati	30.3	0	20.22	30.78	18.7	100.00
7. DVC	0	0	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

(B) 00.00hrs. to 10.00hrs. and 17.00hrs. to 24.00hrs.

SOURCES	LICENSEES					
	NDMC	MES	NDPL	BRPL	BYPL	TOTAL
1. Central Sector without Dadri (Th)	0	0	29.18	43.58	27.24	100.00
2. Dadri (Th)	16.53	0	24.22	36.86	22.39	100.00
3. BTPS	17.73	7.09	21.81	33.2	20.17	100.00
4. RPH	0	0	29.025	44.133	26.842	100.00
5. GT	0	0	29.02	44.16	26.82	100.00
6. Pragati	30.3	0	20.22	30.78	18.7	100.00
7. DVC	0	0	29.18	43.58	27.24	100.00
8. BAWANA CCGT*	7.30	1.82	20.688	30.888	19.304	80.00

* 20% POWER OF BAWANA CCGT ALLOCATED TO HARYANA (10%) & PUNJAB (10%)

6 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING OCTOBER 2013

All figures in MW

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Towmcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	19.45.47	0	159	297	0	-6	3	485	938	3323	3180	143	4261	0	4261
2	00.00.13	0	161	302	0	-5	14	432	904	2760	2691	69	3664	0	3664
3	18.46.21	0	83	303	0	-5	14	438	833	3318	3204	114	4151	0	4151
4	18.57.19	0	83	264	0	-5	11	320	673	3091	3172	-81	3764	0	3764
5	19.14.39	0	82	296	0	-5	14	467	854	3015	2904	111	3869	77	3946
6	19.01.49	0	80	263	0	-5	16	455	809	2965	2881	84	3774	0	3774
7	15.19.20	0	101	293	0	25	16	329	764	3328	3057	271	4092	0	4092
8	19.35.42	57	112	195	0	277	12	233	886	3420	3205	215	4306	0	4306
9	19.26.56	55	110	195	0	285	14	484	1143	3163	3163	0	4306	10	4316
10	15.19.04	0	109	289	0	286	15	469	1168	3121	3023	98	4289	0	4289
11	00.00.09	0	108	298	0	274	14	490	1184	2716	2644	72	3900	0	3900
12	18.45.50	0	80	262	0	-4	15	410	763	2993	3059	-66	3756	0	3756
13	21.51.45	0	82	260	0	-4	16	358	712	2365	2218	147	3077	0	3077
14	19.21.05	52	110	297	0	-4	12	408	875	3210	2857	353	4085	0	4085
15	19.30.34	52	79	145	0	-3	15	417	705	3249	3089	160	3954	0	3954
16	19.31.29	54	115	148	0	-3	15	434	763	3084	2884	200	3847	0	3847
17	18.23.38	54	111	143	0	-3	10	455	770	3205	2993	212	3975	0	3975
18	18.35.16	54	114	146	0	-5	15	482	806	3217	3215	2	4023	0	4023
19	18.33.27	54	115	268	0	-3	16	479	929	2785	2855	-70	3714	0	3714
20	19.08.27	49	117	261	0	-4	13	434	870	2556	2652	-96	3426	0	3426
21	18.46.51	97	119	266	0	-3	13	427	919	2749	2948	-199	3668	0	3668
22	18.20.38	101	115	259	0	-4	16	506	993	2650	2831	-181	3643	0	3643
23	18.48.50	100	81	266	0	-5	12	368	822	2854	2979	-125	3676	0	3676
24	18.18.57	79	81	313	0	-4	16	378	863	2875	2855	20	3738	0	3738
25	18.17.21	81	79	299	0	-2	15	413	885	2860	2914	-54	3745	12	3757
26	18.41.21	49	82	287	0	-1	16	365	798	2674	2840	-166	3472	0	3472
27	18.48.13	49	82	263	0	-1	14	347	754	2425	2336	89	3179	0	3179
28	18.35.13	104	80	300	0	-1	16	362	861	2613	2697	-84	3474	5	3479
29	18.33.41	105	79	264	0	-2	16	337	799	2835	2786	49	3634	0	3634
30	18.18.51	58	77	259	0	-4	14	399	803	2773	2674	99	3576	0	3576
31	18.16.12	58	77	259	0	-4	14	399	803	2801	2819	-18	**3604**	0	3604

7 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING OCTOBER 2013

Date	Time of peak demand	Generation within Delhi								Import from the Grid	Schedule from the Grid	OD(-) / UD(+)	Demand met	Shedding	Un-Restricted Demand
		RPH	GT	PPCL	Rithala	Bawana	Towmcl	BTPS	Total						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)= (3) to (8)	(10)	(11)	(12)= (11) - (10)	(13)= (11)+ (12)	(14)	(15)= (13)+ (14)
1	19.45.47	0	159	297	0	-6	3	485	938	3323	3180	143	4261	0	4261
2	00.00.13	0	161	302	0	-5	14	432	904	2760	2691	69	3664	0	3664
3	18.46.21	0	83	303	0	-5	14	438	833	3318	3204	114	4151	0	4151
4	18.57.19	0	83	264	0	-5	11	320	673	3091	3172	-81	3764	0	3764
5	19.14.39	0	82	296	0	-5	14	467	854	3015	2904	111	3869	77	3946
6	19.01.49	0	80	263	0	-5	16	455	809	2965	2881	84	3774	0	3774
7	15.19.20	0	101	293	0	25	16	329	764	3328	3057	271	4092	0	4092
8	19.00.00	57	111	193	0	277	9	314	961	3234	3112	122	4195	115	4310
9	19.26.56	55	110	195	0	285	14	484	1143	3163	3163	0	4306	10	4316
10	15.19.04	0	109	289	0	286	15	469	1168	3121	3023	98	4289	0	4289
11	00.00.09	0	108	298	0	274	14	490	1184	2716	2644	72	3900	0	3900
12	18.45.50	0	80	262	0	-4	15	410	763	2993	3059	-66	3756	0	3756
13	21.51.45	0	82	260	0	-4	16	358	712	2365	2218	147	3077	0	3077
14	19.21.05	52	110	297	0	-4	12	408	875	3210	2857	353	4085	0	4085
15	19.30.34	52	79	145	0	-3	15	417	705	3249	3089	160	3954	0	3954
16	19.00.00	54	113	146	0	-3	16	406	732	3071	2902	169	3803	65	3868
17	18.23.38	54	111	143	0	-3	10	455	770	3205	2993	212	3975	0	3975
18	18.35.16	54	114	146	0	-5	15	482	806	3217	3215	2	4023	0	4023
19	18.33.27	54	115	268	0	-3	16	479	929	2785	2855	-70	3714	0	3714
20	19.08.27	49	117	261	0	-4	13	434	870	2556	2652	-96	3426	0	3426
21	18.46.51	97	119	266	0	-3	13	427	919	2749	2948	-199	3668	0	3668
22	18.20.38	101	115	259	0	-4	16	506	993	2650	2831	-181	3643	0	3643
23	18.48.50	100	81	266	0	-5	12	368	822	2854	2979	-125	3676	0	3676
24	18.18.57	79	81	313	0	-4	16	378	863	2875	2855	20	3738	0	3738
25	18.17.21	81	79	299	0	-2	15	413	885	2860	2914	-54	3745	12	3757
26	18.41.21	49	82	287	0	-1	16	365	798	2674	2840	-166	3472	0	3472
27	18.48.13	49	82	263	0	-1	14	347	754	2425	2336	89	3179	0	3179
28	18.35.13	104	80	300	0	-1	16	362	861	2613	2697	-84	3474	5	3479
29	18.33.41	105	79	264	0	-2	16	337	799	2835	2786	49	3634	0	3634
30	18.18.51	58	77	259	0	-4	14	399	803	2773	2674	99	3576	0	3576
31	18.30.00	56	79	308	0	-4	16	304	759	2812	2884	-72	**3571**	50	3621

8 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR OCTOBER 2013

A) AVAILABILITY FROM GENCO AND PRAGATI STNs. (all fig in MUs)

A (i) RPH	35.786
(ii) GT+STG	71.574
(iii) PRAGATI	190.149
(iv) RITHALA	0.000
(v) BAWANA CCGT	22.070
(vi) Timarpur – Okhla	12.654
TOTAL	332.233
B) AVAILABILITY FROM BTPS	307.852
C) AUXILIARY CONSUMPTION OF GENERATING STNs. EXCLUDING BTPS	17.610
D) NET GENERATION AVAILABLE WITHIN DELHI(A+B-C)	**622.475**

B) SOURCE WISE SCHEDULED DRAWL FROM THE NORTHERN GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
B/SUIL	3.351	3.252	3.351	3.252
SALAL	26.139	25.376	26.139	25.376
SASAN	7.665	7.456	7.663	7.455
TANKAPUR	6.844	6.638	6.844	6.638
CHAMERA	8.859	8.597	8.859	8.597
CHAMERA -II	11.358	11.022	11.358	11.022
CHAMERA -III	7.137	6.928	7.137	6.928
DHAULIGANGA	0.000	0.000	0.000	0.000
SEWA -2	2.372	2.301	2.372	2.301
URI	13.148	12.753	13.148	12.753
URI-II	5.531	5.354	5.531	5.354
KOTESHWAR	8.252	8.007	8.252	8.007
MUNDRA_UMPP	0.000	0.000	0.000	0.000
ANTA (GAS)	15.825	15.305	15.541	15.030
ANTA (RLNG)	15.115	14.694	0.000	0.000
ANTA (LIQUID)	0.461	0.448	0.000	0.000
DADRI (GAS)	38.506	37.311	36.336	35.205
DADRI (RLNG)	27.014	26.218	0.000	0.000
DADRI (LIQUID)	0.000	0.000	0.000	0.000
AURAIYA (GAS)	11.857	11.501	11.829	11.474
AURAIYA (RLNG)	39.291	38.092	0.000	0.000
AURAIYA (LIQUID)	0.081	0.079	0.000	0.000
SINGRAULI	106.143	102.913	105.652	102.435
RIHAND -I	58.090	56.349	56.557	54.858
RIHAND -II	60.773	58.895	59.848	57.997
RIHAND -III	41.019	39.784	40.539	39.317
UNCHAHAR-I	9.645	9.356	9.319	9.039
UNCHAHAR-II	33.628	32.605	32.741	31.744
UNCHAHAR-III	20.607	19.981	20.111	19.499
DADRI (TH)	493.390	478.231	401.082	388.770
DADRI (TH) STAGE-II	543.334	526.818	501.297	486.071
NAPP	21.336	20.684	21.296	20.644
RAPP 'B'	0.000	0.000	0.000	0.000
RAPP 'C'	39.134	37.943	39.095	37.905
NATHPA JHAKRI	47.084	45.679	34.257	33.235
DULASTI	29.180	28.319	29.180	28.319
TEHRI	25.889	25.119	25.889	25.119
JHAJJAR	275.959	267.577	50.833	49.264
KHELGAON	33.694	32.668	31.384	30.425
KHELGAON-II	102.691	99.594	100.944	97.899
FARAKA	15.431	14.962	14.209	13.782
TALA	15.832	15.355	15.486	15.018
DVC	190.832	188.798	188.798	184.068
WEST BENGAL	27.184	26.849	26.849	26.203

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
DVC CTPS (BRPL)	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER(NDPL)LT-06	175.745	173.874	173.874	169.525
DVC MEJIA (LT-08)(BYPL)	9.716	9.609	9.609	9.376
URS	0.396	0.387	0.396	0.387
RAJASTHAN	0.082	0.081	0.081	0.079
HIMACHAL PRADESH	48.075	47.599	47.599	46.442
MEGHALAYA	6.854	6.764	6.764	6.601
MADHYA PRADESH(WR)	0.523	0.515	0.515	0.503
JAMMU & KASHMIR	12.238	12.119	12.119	11.827
DVC (FOR NDPL) LT-09	10.099	9.991	9.991	9.740
HARYANA (LT-05)	3.690	3.652	3.652	3.560
ORISSA	0.547	0.539	0.539	0.526
TO UTTAR PRADESH	-26.513	-26.870	-26.870	-27.563
TO JAMMU & KASHMIR	-8.553	-8.701	-8.701	-8.937
TO TAMILNADU	-1.878	-1.910	-1.910	-1.960
TO ANDHRA	-6.732	-6.870	-6.870	-7.042
TO MADHYA PRADESH	-62.255	-63.172	-63.172	-64.803
TO GUJRAT	-5.157	-5.248	-5.248	-5.383
TO MAHARASHTRA	-0.014	-0.014	-0.014	-0.015
TO PUNJAB	-45.735	-46.655	-46.655	-47.817
POWER EXCHANGE(IEX)	11.582	11.297	11.582	11.297
TO POWER EXCHANGE (IEX)	-296.008	-303.720	-296.008	-303.720
POWRER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (PX)	-7.608	-7.818	-7.608	-7.818
TO SHARE PROJECT (HARYANA)	-0.325	-0.333	-0.325	-0.333
TO SHARE PROJECT (PUNJAB)	-0.031	-0.032	-0.031	-0.032
TOTAL	**2258.415**	**2174.891**	**1783.035**	**1705.442**

C) AGENCY WISE BREAKUP OF ENERGY SCHEDULED DRAWL FROM THE GRID

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT DELHI PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT DELHI PERIPHERY
NTPC - NR	1514.779	1468.578	1290.851	1251.438
NTPC - ER	151.816	147.223	146.538	142.106
NHPC	113.919	110.539	113.919	110.539
NPC	60.470	58.626	60.390	58.549
SASAN	7.665	7.456	7.663	7.455
KOTESHWAR	8.252	8.007	8.252	8.007
MUNDRA_UMPP	0.000	0.000	0.000	0.000
NATHPA JHAKRI	47.084	45.679	34.257	33.235
TEHRI	25.889	25.119	25.889	25.119
TALA	15.832	15.355	15.486	15.018
JHAJJAR	275.959	267.577	50.833	49.264
TALCHER	0.000	0.000	0.000	0.000
DVC	190.832	188.798	188.798	184.068
WEST BENGAL	27.184	26.849	26.849	26.203
DVC CTPS (BRPL)	0.000	0.000	0.000	0.000
DVC CTPS (BYPL)	0.000	0.000	0.000	0.000
DVC CTPS (NDPL)	0.000	0.000	0.000	0.000
METHON POWER (NDPL)-LT-06	175.745	173.874	173.874	169.525
DVC MEJIA (LT-08)(BYPL)	9.716	9.609	9.609	9.376
URS	0.396	0.387	0.396	0.387
RAJASTHAN	0.082	0.081	0.081	0.079
HIMACHAL PRADESH	48.075	47.599	47.599	46.442
MEGHALAYA	6.854	6.764	6.764	6.601
MADHYA PRADESH(WR)	0.523	0.515	0.515	0.503
JAMMU & KASHMIR	12.238	12.119	12.119	11.827
DVC (FOR NDPL) LT-09	10.099	9.991	9.991	9.740
HARYANA (LT -05)	3.690	3.652	3.652	3.560
UTTAR PRADESH	0.000	0.000	0.000	0.000
ORISSA	0.547	0.539	0.539	0.526
POWER EXCHANGE(IEX)	11.582	11.297	11.582	11.297
POWER EXCHANGE(PX)	0.000	0.000	0.000	0.000
TOTAL	**2719.225**	**2646.233**	**2246.447**	**2180.864**

D) AGENCY WISE BREAKUP OF ENERGY SCHEDULED BY NRLDC FOR EXPORT TO OTHER UTILITIES FROM DTL

NAME OF THE STATION	AVAILABILITY AT POWER PLANT	AVAILABILITY AT PERIPHERY	ALLOCATION MADE BY NRLDC AT POWER PLANT	ALLOCATION MADE BY NRLDC AT POWER PERIPHERY
TO HARYANA	0.000	0.000	0.000	0.000
TO ORISSA	0.000	0.000	0.000	0.000
TO UTTAR PRADESH	-26.513	-26.870	-26.870	-27.563
TO JAMMU & KASHMIR	-8.553	-8.701	-8.701	-8.937
TO ANDHRA	-6.732	-6.870	-6.870	-7.042
TO TAMILNADU	-1.878	-1.910	-1.910	-1.960
TO MADHYA PRADESH	-62.255	-63.172	-63.172	-64.803
TO GUJRAT	-5.157	-5.248	-5.248	-5.383
TO RAJASTHAN	0.000	0.000	0.000	0.000
TO MAHARASHTRA	-0.014	-0.014	-0.014	-0.015
TO PUNJAB	-45.735	-46.655	-46.655	-47.817
TO HIMACHAL PRADESH	0.000	0.000	0.000	0.000
TO WEST BENGAL	0.000	0.000	0.000	0.000
TO POWER EXCHANGE (IEX)	-296.008	-303.720	-296.008	-303.720
TO POWER EXCHANGE (PX)	-7.608	-7.818	-7.608	-7.818
TO SHARE PROJECT (HARYANA)	-0.325	-0.333	-0.325	-0.333
TO SHARE PROJECT (PUNJAB)	-0.031	-0.032	-0.031	-0.032
TOTAL	**-460.810**	**-471.342**	**-463.412**	**-475.422**
TOTAL SCHEDULED DRAWAL FROM THE GRID	**2258.415**	**2174.891**	**1783.035**	**1705.442**
TOTAL CONSUMPTION INCLUDING AUX. OF GENERATING STNs. EXCLUDING BTPS				2173.681
NET CONSUMPTION				**2156.071**
AVAILABILITY WITHIN DELHI				622.475
ACTUAL DRAWAL FROM THE GRID				1533.596
OVER DRAWAL(+)/UNDER DRAWAL(-) FROM THE GRID ON THE BASIS OF SCHEDULED ALLOCATION MADE BY NRLDC TO DELHI AT PERIPHERY				-171.846
LOAD SHEDDING				4.007
UNRESTRICTED DEMAND (GROSS)				2177.688
UNRESTRICTED DEMAND (NET)				2160.078
MAX. NET CONSUMPTION				83.200 ON 10.10.2013
MAX. LOAD SHEDDING				380MW ON 05.10.2013 AT 21.20HRS.
PEAK LOAD	Peak Demand during the month			SHEDDING AT PEAK TIME
DAY PEAK	4289MW AT 15.19.04HRS ON 10.10.2013			0 MW
EVENING PEAK	4306MW AT 19.26.56HRS ON 09.10.2013			0 MW
P.L.F. OF GENCO AND PRAGATI STNs.	RPH GT PRAGATI RITHALA BAWANA Timarpur Okhla			35.63% 35.83% 77.45% 0.00% 3.28% 106.30%

9 SHEDDING DETAILS DURING THE MONTH OF OCTOBER 2013.

ALL FIGURES IN MUs

DATE	No. of Under Freq. Relay Operated	Shedding due to under frequency relay operation in MUs					Shedding due to Grid Restrictions (Over drawal / low freq.)			
		BSES		NDPL	NDMC	TOTAL	BSES		NDPL	NDMC
		BYPL	BRPL				BYPL	BRPL		
1	2	3	4	5	6	7=3 to 6	8	9	10	11
01-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.031	0.189	0.000
02-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
03-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
04-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
05-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.094	0.244	0.012	0.000
06-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
07-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.005	0.035	0.032	0.000
08-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.417	0.292	0.111	0.000
09-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.185	0.093	0.095	0.000
10-Oct-13	1	0.000	0.000	0.000	0.000	**0.000**	0.061	0.292	0.000	0.000
11-Oct-13	1	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
12-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
13-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
14-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.010	0.013	0.000
15-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.064	0.010	0.000
16-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.009	0.023	0.000	0.000
17-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
18-Oct-13	1	0.000	0.000	0.001	0.000	**0.001**	0.000	0.000	0.000	0.000
19-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
20-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
21-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
22-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
23-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
24-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.030	0.000
25-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
26-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
27-Oct-13	2	0.004	0.000	0.000	0.000	**0.004**	0.000	0.000	0.000	0.000
28-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
29-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
30-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
31-Oct-13	0	0.000	0.000	0.000	0.000	**0.000**	0.000	0.000	0.000	0.000
TOTAL	**5**	**0.004**	**0.000**	**0.001**	**0.000**	**0.005**	**0.771**	**1.084**	**0.492**	**0.000**

ALL FIGURES IN MUs

Date	Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION				TOTAL	TOTAL SHEDDING DUE TO GRID RESTRICTIONS	Due to T&D Constraints				
							DTL				
	BSES		NDPL	NDMC			BSES		NDPL	NDMC	MES
	BYPL	BRPL					BYPL	BRPL			
1	12	13	14	15	**16=8to15**	**17=16+7**	18	19	20	21	22
01-Oct-13	0.000	0.000	0.000	0.000	**0.220**	**0.220**	0.000	0.000	0.000	0.000	0.000
02-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.001	0.011	0.000	0.000	0.000
03-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.004	0.000	0.000
04-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.005	0.000	0.000
05-Oct-13	0.168	0.083	0.014	0.000	**0.615**	**0.615**	0.124	0.005	0.000	0.009	0.000
06-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
07-Oct-13	0.000	0.000	0.000	0.000	**0.072**	**0.072**	0.000	0.000	0.000	0.000	0.000
08-Oct-13	0.000	0.000	0.000	0.000	**0.820**	**0.820**	0.000	0.000	0.022	0.000	0.000
09-Oct-13	0.087	0.000	0.019	0.000	**0.479**	**0.479**	0.000	0.000	0.006	0.000	0.000
10-Oct-13	0.000	0.000	0.000	0.000	**0.353**	**0.353**	0.000	0.000	0.000	0.000	0.000
11-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.009	0.000	0.000
12-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
13-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.024	0.000	0.000	0.000
14-Oct-13	0.000	0.000	0.000	0.000	**0.023**	**0.023**	0.002	0.007	0.000	0.000	0.000
15-Oct-13	0.000	0.000	0.000	0.000	**0.074**	**0.074**	0.000	0.000	0.000	0.000	0.000
16-Oct-13	0.005	0.000	0.063	0.000	**0.100**	**0.100**	0.000	0.000	0.000	0.000	0.000
17-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
18-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.001**	0.000	0.002	0.000	0.000	0.000
19-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
20-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
21-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
22-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
23-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
24-Oct-13	0.000	0.000	0.000	0.000	**0.030**	**0.030**	0.000	0.000	0.000	0.000	0.000
25-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.002	0.000	0.000	0.000
26-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.007	0.000	0.000	0.000
27-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.004**	0.000	0.000	0.000	0.000	0.000
28-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.000	0.000	0.000
29-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.022	0.000	0.000
30-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.000	0.000	0.042	0.000	0.000
31-Oct-13	0.000	0.000	0.000	0.000	**0.000**	**0.000**	0.046	0.000	0.001	0.000	0.000
TOTAL	**0.260**	**0.083**	**0.096**	**0.000**	**2.786**	**2.791**	**0.173**	**0.058**	**0.111**	**0.009**	**0.000**

ALL FIGURES IN MUs

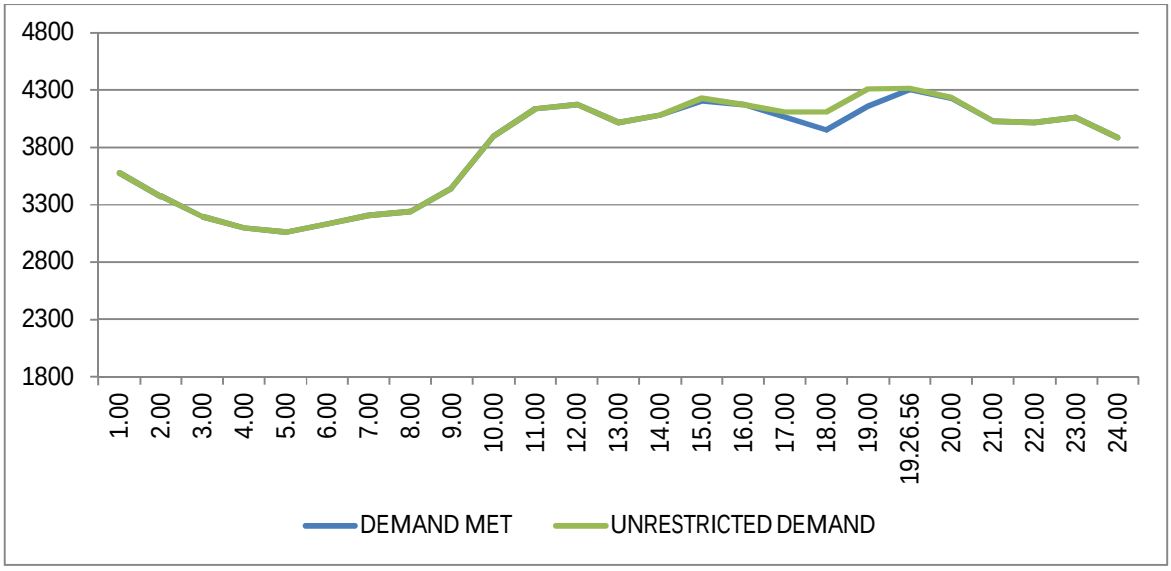
DATE	DUE TO T&D CONTRAINTS				OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC.	THEFT PRONE SHEDDING			TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE	GRAND TOTAL
	DISCOMS									
	BSES		NDPL	NDMC		BSES		NDPL		
	BYPL	BRPL				BYPL	BRPL			
1	23	24	25		26	27	28	29	30=18 to29	31=30+17
01-Oct-13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.220**
02-Oct-13	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	**0.013**	**0.013**
03-Oct-13	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	**0.017**	**0.017**
04-Oct-13	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.007**	**0.007**
05-Oct-13	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	**0.158**	**0.773**
06-Oct-13	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	**0.003**	**0.003**
07-Oct-13	0.012	0.001	0.000	0.000	0.103	0.000	0.000	0.000	**0.219**	**0.291**
08-Oct-13	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.002	**0.025**	**0.845**
09-Oct-13	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	**0.016**	**0.495**
10-Oct-13	0.000	0.003	0.001	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.357**
11-Oct-13	0.000	0.124	0.017	0.000	0.000	0.000	0.000	0.000	**0.150**	**0.150**
12-Oct-13	0.003	0.016	0.001	0.000	0.000	0.000	0.000	0.000	**0.020**	**0.020**
13-Oct-13	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	**0.089**	**0.089**
14-Oct-13	0.012	0.033	0.001	0.000	0.000	0.000	0.000	0.000	**0.055**	**0.078**
15-Oct-13	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.029**	**0.103**
16-Oct-13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.100**
17-Oct-13	0.011	0.000	0.005	0.000	0.000	0.000	0.000	0.000	**0.016**	**0.016**
18-Oct-13	0.015	0.006	0.000	0.000	0.000	0.000	0.000	0.000	**0.023**	**0.024**
19-Oct-13	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.004**	**0.004**
20-Oct-13	0.033	0.008	0.002	0.000	0.000	0.000	0.000	0.000	**0.043**	**0.043**
21-Oct-13	0.000	0.000	0.0003	0.000	0.000	0.000	0.000	0.000	**0.000**	**0.0003**
22-Oct-13	0.012	0.012	0.000	0.000	0.000	0.000	0.000	0.000	**0.024**	**0.024**
23-Oct-13	0.003	0.022	0.000	0.000	0.000	0.000	0.000	0.000	**0.025**	**0.025**
24-Oct-13	0.000	0.000	0.000	0.000	0.020	0.000	0.000	0.000	**0.040**	**0.070**
25-Oct-13	0.012	0.013	0.000	0.000	0.000	0.000	0.000	0.005	**0.032**	**0.032**
26-Oct-13	0.001	0.007	0.000	0.000	0.000	0.000	0.000	0.006	**0.021**	**0.021**
27-Oct-13	0.000	0.011	0.000	0.000	0.010	0.000	0.000	0.006	**0.037**	**0.041**
28-Oct-13	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.012	**0.017**	**0.017**
29-Oct-13	0.030	0.008	0.000	0.000	0.003	0.000	0.000	0.001	**0.067**	**0.067**
30-Oct-13	0.067	0.012	0.000	0.000	0.000	0.000	0.000	0.003	**0.124**	**0.124**
31-Oct-13	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.003	**0.089**	**0.089**
TOTAL	**0.251**	**0.383**	**0.042**	**0.000**	0.151	**0.000**	**0.000**	**0.038**	**1.367**	**4.158**

DATE	(NET CONS.)	MAXI. DEMAND MET DURING THE DAY	TIME OF OCCUR-RENCE OF MAX DEMAND	SHEDDING AT THIS TIME	UN-REST-RICTED DEMAND	MAXIMUM UN-REST-RICTED DEMAND DURING THE DAY	TIME OF MAX. UN-REST. DEMAND	DEMAND AT THAT TIME	SHEDDING AT THAT TIME
	In Mus.	IN MW	IN HRS.	IN MW	IN MW	IN MW	HRS.	IN MW	IN MW
1	32	33	34	35	36=33+35	37=39+40	38	39	40
01-Oct-13	82.366	**4261**	19:45:47	0	**4261**	**4261**	19:45:47	**4261**	0
02-Oct-13	68.517	**3664**	00:00:13	0	**3664**	**3664**	00:00:13	**3664**	0
03-Oct-13	79.507	**4151**	18:46:21	0	**4151**	**4151**	18:46:21	**4151**	0
04-Oct-13	73.575	**3764**	18:57:19	0	**3764**	**3764**	18:57:19	**3764**	0
05-Oct-13	70.972	**3869**	19:14:39	77	**3946**	**3946**	19:14:39	**3869**	77
06-Oct-13	74.113	**3774**	19:01:49	0	**3774**	**3774**	19:01:49	**3774**	0
07-Oct-13	81.432	**4092**	15:19:20	0	**4092**	**4092**	15:19:20	**4092**	0
08-Oct-13	82.122	**4306**	19:35:42	0	**4306**	**4310**	19:00	**4195**	115
09-Oct-13	81.902	**4306**	19:26:56	10	**4316**	**4316**	19:26:56	**4306**	10
10-Oct-13	83.200	**4289**	15:19:04	0	**4289**	**4289**	15:19:04	**4289**	0
11-Oct-13	73.676	**3900**	00:00:09	0	**3900**	**3900**	00:00:09	**3900**	0
12-Oct-13	65.442	**3756**	18:45:50	0	**3756**	**3756**	18:45:50	**3756**	0
13-Oct-13	62.449	**3077**	21:51:45	0	**3077**	**3077**	21:51:45	**3077**	0
14-Oct-13	71.358	**4085**	19:21:05	0	**4085**	**4085**	19:21:05	**4085**	0
15-Oct-13	71.340	**3954**	19:30:34	0	**3954**	**3954**	19:30:34	**3954**	0
16-Oct-13	67.891	**3847**	19:31:29	0	**3847**	**3868**	19:00	**3803**	65
17-Oct-13	72.692	**3975**	18:23:36	0	**3975**	**3975**	18:23:36	**3975**	0
18-Oct-13	68.741	**4023**	18:35:16	0	**4023**	**4023**	18:35:16	**4023**	0
19-Oct-13	68.143	**3714**	18:33:27	0	**3714**	**3714**	18:33:27	**3714**	0
20-Oct-13	62.994	**3426**	19:08:27	0	**3426**	**3426**	19:08:27	**3426**	0
21-Oct-13	67.303	**3668**	18:46:51	0	**3668**	**3668**	18:46:51	**3668**	0
22-Oct-13	66.710	**3643**	18:20:38	0	**3643**	**3643**	18:20:38	**3643**	0
23-Oct-13	66.937	**3676**	18:48:50	0	**3676**	**3676**	18:48:50	**3676**	0
24-Oct-13	66.787	**3738**	18:18:57	0	**3738**	**3738**	18:18:57	**3738**	0
25-Oct-13	65.459	**3745**	18:17:21	12	**3757**	**3757**	18:17:21	**3745**	12
26-Oct-13	62.436	**3472**	18:41:21	0	**3472**	**3472**	18:41:21	**3472**	0
27-Oct-13	56.930	**3179**	18:48:13	0	**3179**	**3179**	18:48:13	**3179**	0
28-Oct-13	59.993	**3474**	18:35:13	5	**3479**	**3479**	18:35:13	**3474**	5
29-Oct-13	61.364	**3634**	18:33:41	0	**3634**	**3634**	18:33:41	**3634**	0
30-Oct-13	59.409	**3576**	18:18:51	0	**3576**	**3576**	18:18:51	**3576**	0
31-Oct-13	60.311	**3604**	18:16:12	0	**3604**	**3621**	18:30	**3571**	50
TOTAL	**2156.071**	**4306** 09.10.13	19:26:56	10	**4316** 09.10.13	**4316**	19:26:56	4306	10

10 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING OCTOBER 2013 ON 09.10.2013- 4306MW AT 19.26.56HRS.

All figures in MW

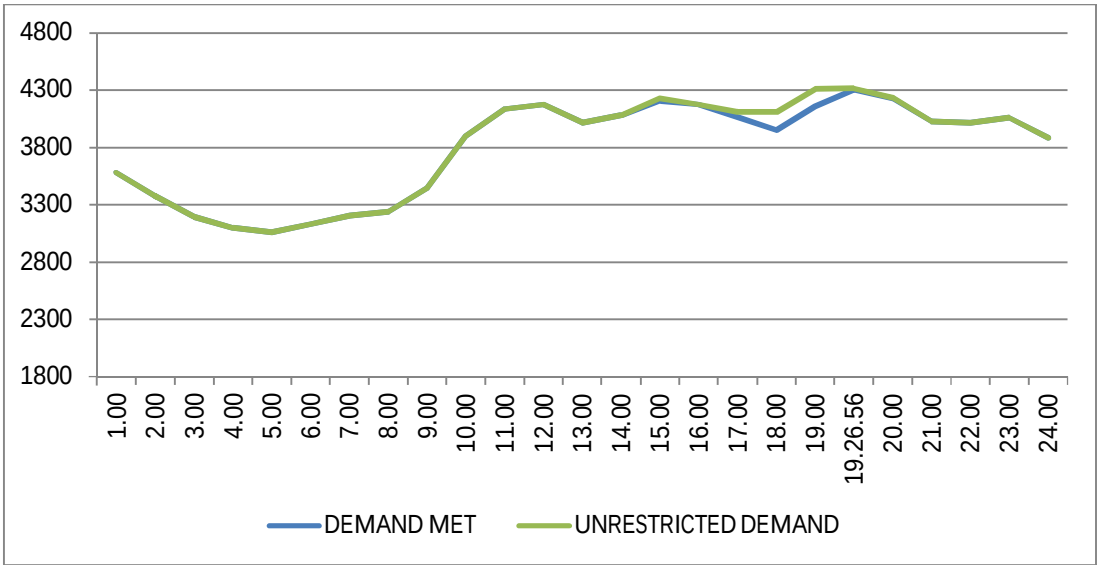
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	3578	0	3578
2.00	3374	0	3374
3.00	3197	0	3197
4.00	3100	0	3100
5.00	3058	0	3058
6.00	3129	0	3129
7.00	3204	0	3204
8.00	3239	0	3239
9.00	3447	0	3447
10.00	3896	0	3896
11.00	4136	0	4136
12.00	4176	0	4176
13.00	4016	0	4016
14.00	4084	0	4084
15.00	4208	18	4226
16.00	4176	0	4176
17.00	4065	46	4111
18.00	3950	157	4107
19.00	4156	153	4309
19.26.56	4306	10	4316
20.00	4226	10	4236
21.00	4028	0	4028
22.00	4017	0	4017
23.00	4062	0	4062
24.00	3886	0	3886
TOTAL	**81.902**	**0.490**	**82.392**



11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING OCTOBER 2013 ON 09.10.2013- 4316MW at 19.26.56HRS.

All figures in MW

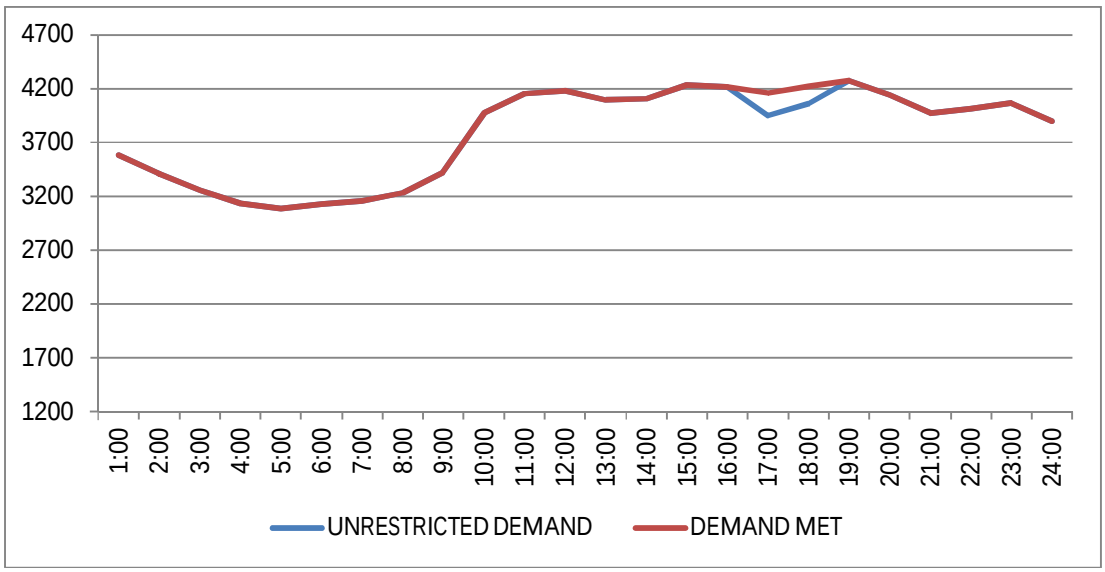
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1.00	3578	0	3578
2.00	3374	0	3374
3.00	3197	0	3197
4.00	3100	0	3100
5.00	3058	0	3058
6.00	3129	0	3129
7.00	3204	0	3204
8.00	3239	0	3239
9.00	3447	0	3447
10.00	3896	0	3896
11.00	4136	0	4136
12.00	4176	0	4176
13.00	4016	0	4016
14.00	4084	0	4084
15.00	4208	18	4226
16.00	4176	0	4176
17.00	4065	46	4111
18.00	3950	157	4107
19.00	4156	153	4309
19.26.56	4306	10	4316
20.00	4226	10	4236
21.00	4028	0	4028
22.00	4017	0	4017
23.00	4062	0	4062
24.00	3886	0	3886
TOTAL	**81.902**	**0.490**	**82.392**



12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING OCTOBER 2013 – 10.10.2013 – 83.200Mus

All figures in MW

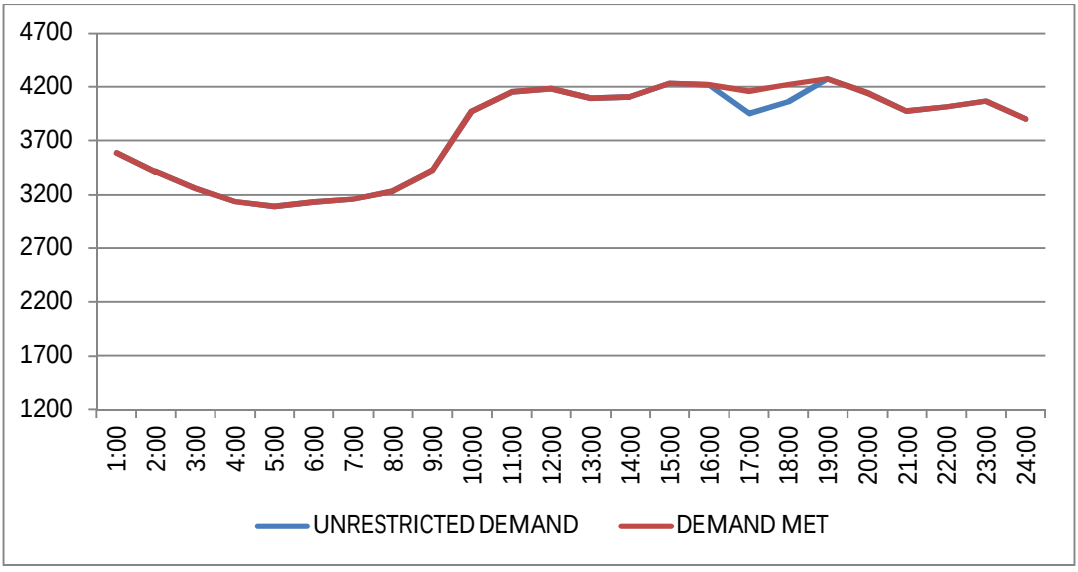
Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	3586	0	3586
2:00	3410	0	3410
3:00	3258	0	3258
4:00	3132	0	3132
5:00	3087	0	3087
6:00	3126	0	3126
7:00	3157	0	3157
8:00	3235	0	3235
9:00	3422	0	3422
10:00	3977	0	3977
11:00	4155	0	4155
12:00	4182	0	4182
13:00	4098	0	4098
14:00	4107	0	4107
15:00	4236	0	4236
16:00	4219	0	4219
17:00	3953	207	4160
18:00	4060	164	4224
19:00	4274	0	4274
20:00	4143	0	4143
21:00	3975	0	3975
22:00	4014	0	4014
23:00	4070	0	4070
24:00	3901	0	3901
TOTAL	**83.200**	**0.357**	**83.557**



13 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING OCTOEBER 2013 – 10.10.2013 – 83.557 Mus

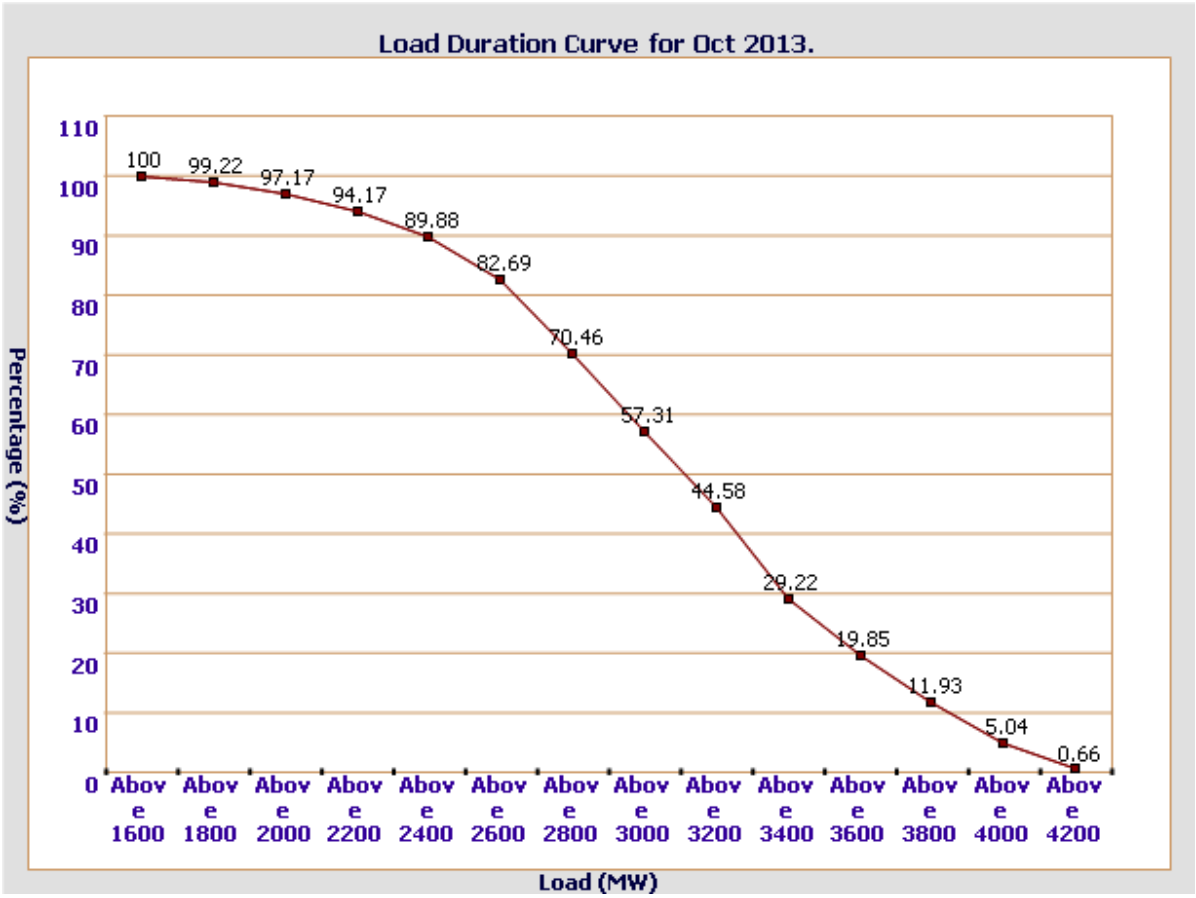
All figures in MW

Hrs.	Demand	Load Shedding	Un-Restricted Demand
1:00	3586	0	3586
2:00	3410	0	3410
3:00	3258	0	3258
4:00	3132	0	3132
5:00	3087	0	3087
6:00	3126	0	3126
7:00	3157	0	3157
8:00	3235	0	3235
9:00	3422	0	3422
10:00	3977	0	3977
11:00	4155	0	4155
12:00	4182	0	4182
13:00	4098	0	4098
14:00	4107	0	4107
15:00	4236	0	4236
16:00	4219	0	4219
17:00	3953	207	4160
18:00	4060	164	4224
19:00	4274	0	4274
20:00	4143	0	4143
21:00	3975	0	3975
22:00	4014	0	4014
23:00	4070	0	4070
24:00	3901	0	3901
TOTAL	**83.200**	**0.357**	**83.557**



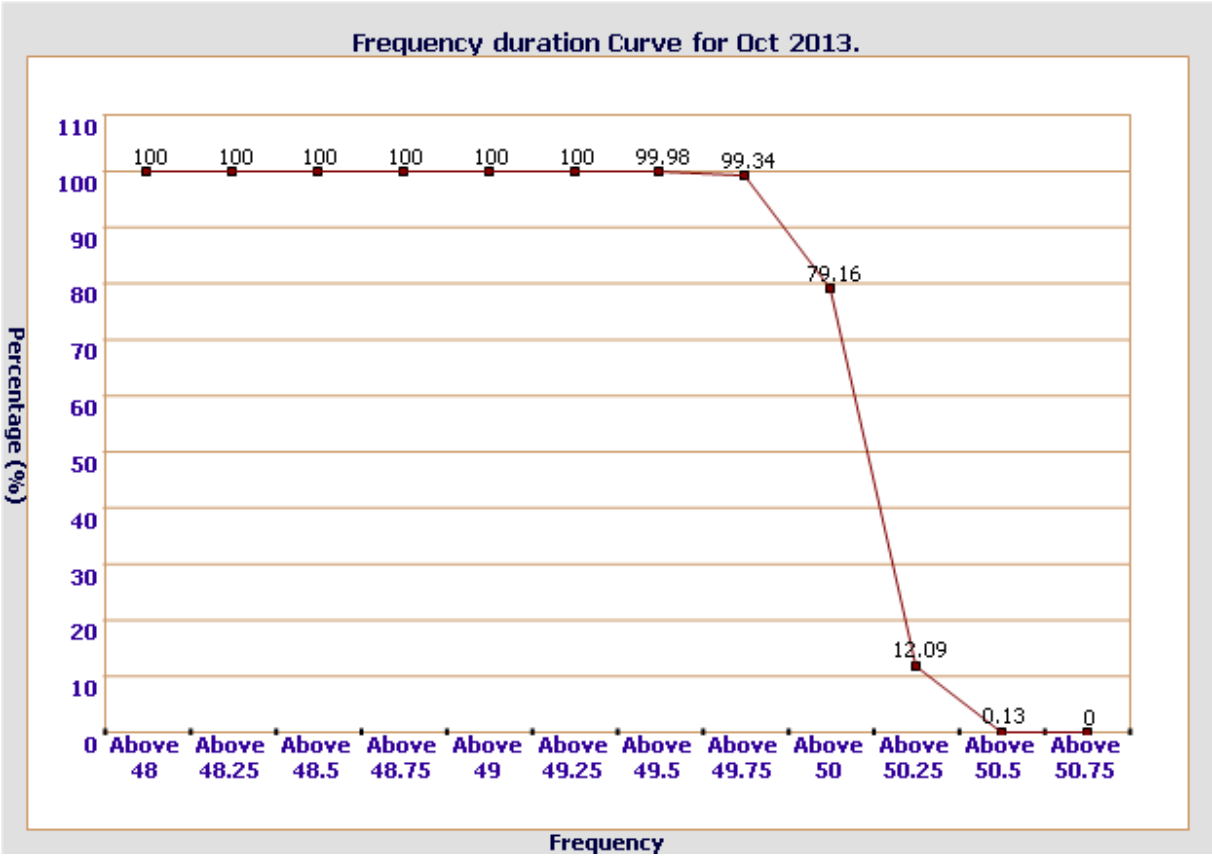
14 LOAD DURATION CURVE FOR OCTOBER 2013

Load in MW	Percentage of Time
Above 1600	100 %
Above 1800	99.22 %
Above 2000	97.17 %
Above 2200	94.17 %
Above 2400	89.88 %
Above 2600	82.69 %
Above 2800	70.46 %
Above 3000	57.31 %
Above 3200	44.58 %
Above 3400	29.22 %
Above 3600	19.85 %
Above 3800	11.93 %
Above 4000	5.04 %
Above 4200	0.66 %



15 FREQUENCY ANALYSIS FOR THE MONTH OF OCTOBER 2013

Frequency Range in Hz.	Percentage of time
Above 49.25	100 %
Above 49.5	99.98 %
Above 49.75	99.34 %
Above 50	79.16 %
Above 50.25	12.09 %
Above 50.5	0.13 %
Above 50.75	0 %



16 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING OCTOBER 2013

All figures in kV

Date	NARELA		GAZIPUR	
	Max	Min	Max	Min
01-Oct-13	225.57	213.32	228.02	216.41
02-Oct-13	226.60	217.31	228.28	219.15
03-Oct-13	225.31	213.83	228.92	215.64
04-Oct-13	227.24	214.09	229.31	214.48
05-Oct-13	227.63	213.83	224.02	217.57
06-Oct-13	227.24	215.64	--	217.83
07-Oct-13	225.95	214.61	223.12	211.90
08-Oct-13	226.21	212.41	227.37	205.06
09-Oct-13	224.15	213.96	230.21	202.48
10-Oct-13	225.44	215.38	219.51	205.58
11-Oct-13	232.53	218.35	225.31	209.96
12-Oct-13	230.21	219.25	222.34	208.03
13-Oct-13	230.21	222.21	225.57	216.28
14-Oct-13	229.95	216.67	224.02	213.70
15-Oct-13	230.47	218.35	221.70	216.41
16-Oct-13	228.66	218.47	221.83	202.35
17-Oct-13	225.31	216.54	220.28	206.87
18-Oct-13	228.15	217.57	219.76	208.03
19-Oct-13	226.99	218.35	221.05	206.22
20-Oct-13	229.44	219.89	227.37	214.09
21-Oct-13	230.86	218.22	230.21	198.97
22-Oct-13	229.95	217.18	222.99	203.51
23-Oct-13	231.50	215.77	222.34	198.61
24-Oct-13	230.21	216.67	223.12	207.38
25-Oct-13	228.15	216.41	222.47	203.64
26-Oct-13	228.53	212.80	222.47	207.25
27-Oct-13	227.50	218.35	225.57	208.54
28-Oct-13	228.60	217.18	230.21	213.06
29-Oct-13	225.57	214.73	233.31	216.28
30-Oct-13	--	--	--	--
31-Oct-13	227.24	215.38	235.11	219.25

17 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING OCTOBER 2013

All figures in kV

Date	400kV Bamnauli Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Oct-13	416.92	04.02.58	396.99	19.13.04	407.76
02-Oct-13	418.33	08.02.45	401.68	19.09.01	410.44
03-Oct-13	417.86	04.06.06	394.41	19.08.32	406.91
04-Oct-13	418.56	--	393.24	18.41.48	408.47
05-Oct-13	420.91	04.33.19	396.05	18.35.27	408.11
06-Oct-13	416.69	04.19.43	399.34	18.42.27	408.06
07-Oct-13	414.81	04.02.17	396.29	16.41.25	405.09
08-Oct-13	415.98	05.15.45	393.24	14.47.57	404.22
09-Oct-13	413.64	04.03.25	394.88	18.24.22	404.36
10-Oct-13	413.87	04.02.01	394.41	12.27.20	404.00
11-Oct-13	422.55	07.59.35	401.68	18.38.00	410.43
12-Oct-13	422.55	04.03.31	400.74	18.36.29	412.34
13-Oct-13	420.91	03.37.25	406.61	18.28.50	415.64
14-Oct-13	420.44	03.26.00	399.10	12.40.28	410.52
15-Oct-13	421.38	04.02.42	402.62	12.22.08	411.34
16-Oct-13	419.74	04.02.04	402.15	12.08.32	411.23
17-Oct-13	420.44	04.31.53	397.46	18.22.56	408.74
18-Oct-13	415.98	04.16.16	399.57	12.15.10	407.32
19-Oct-13	414.58	21.56.31	397.23	09.38.51	408.29
20-Oct-13	420.91	04.03.17	404.03	18.28.45	412.94
21-Oct-13	423.72	04.03.44	399.34	18.27.09	410.63
22-Oct-13	421.38	04.02.50	398.40	18.36.29	409.46
23-Oct-13	423.72	04.02.38	394.65	14.48.11	408.29
24-Oct-13	422.55	04.03.00	395.98	18.23.17	409.08
25-Oct-13	418.56	03.03.56	398.16	18.22.21	408.70
26-Oct-13	419.50	04.03.46	397.46	18.31.51	409.93
27-Oct-13	420.67	04.36.29	402.85	18.25.11	412.24
28-Oct-13	422.79	03.04.25	399.57	09.42.19	410.98
29-Oct-13	422.79	04.02.19	396.29	18.41.51	410.38
30-Oct-13	--	--	--	--	--
31-Oct-13	421.61	04.03.30	397.93	18.12.02	409.41

All figures in kV

Date	400kV Bawana Grid Sub-Station				
	Max KV	Max Time	Min KV	Min Time	Average KV
01-Oct-13	421.85	04.05.48	405.20	18.46.33	413.32
02-Oct-13	423.25	08.01.55	408.95	19.10.11	416.03
03-Oct-13	422.55	04.06.16	402.85	19.03.12	413.38
04-Oct-13	423.25	--	402.85	18.41.48	414.69
05-Oct-13	424.90	04.02.46	403.09	18.33.37	414.89
06-Oct-13	421.85	04.19.03	406.14	18.40.17	413.36
07-Oct-13	420.67	04.02.37	403.09	10.26.10	413.21
08-Oct-13	421.85	05.14.45	399.81	14.45.37	410.33
09-Oct-13	418.33	04.02.45	402.62	18.24.22	410.68
10-Oct-13	418.56	04.02.01	401.92	12.27.00	410.67
11-Oct-13	430.29	08.02.35	410.12	18.37.40	416.81
12-Oct-13	427.94	04.03.31	409.65	18.37.39	419.36
13-Oct-13	427.24	03.37.15	413.17	18.28.50	422.20
14-Oct-13	426.77	03.26.10	405.67	12.38.58	417.61
15-Oct-13	428.41	04.03.42	410.12	12.23.08	419.33
16-Oct-13	421.61	23.53.55	407.78	12.10.12	414.72
17-Oct-13	425.36	04.31.23	405.20	18.22.36	415.23
18-Oct-13	422.08	04.16.26	407.31	12.15.10	413.92
19-Oct-13	421.38	04.29.39	406.14	09.45.11	414.80
20-Oct-13	426.30	17.05.20	410.36	18.28.45	418.49
21-Oct-13	428.65	04.03.44	407.31	18.24.19	416.78
22-Oct-13	426.54	04.03.20	405.67	18.38.09	416.49
23-Oct-13	429.59	04.03.18	402.62	14.45.11	415.43
24-Oct-13	426.54	04.03.20	403.32	18.23.57	414.59
25-Oct-13	423.02	23.53.21	403.32	18.25.11	413.90
26-Oct-13	423.25	04.02.15	402.15	18.35.51	414.74
27-Oct-13	424.90	23.13.58	408.95	18.25.11	417.03
28-Oct-13	426.30	03.04.05	406.84	09.50.09	416.42
29-Oct-13	425.60	04.02.19	403.79	18.40.41	415.05
30-Oct-13	--	--	--	--	--
31-Oct-13	424.43	04.03.00	404.49	18.12.22	415.02

18 DETAILS OF LUMPED CAPACITORS AT NEAREST 220 KV SUBSTATION

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
1	**IP YARD**		30		**30**
1	Kamla Market			16.35	**16.35**
2	Minto Road				**0**
3	GB Pant Hosp			15.88	**15.88**
4	Delhi Gate			10.9	**10.9**
5	Tilakmarg			5.04	**5.04**
7	Cannaught Place			10.08	**10.08**
8	Kilokri		10.08	10.48	**20.56**
9	NDSE				**0**
11	Nizamuddin				**0**
12	Exhibition-I				**0**
13	Exhibition-II				**0**
14	Defence Colony				**0**
15	IG Stadium		10.08	5.45	**15.53**
16	Lajpat Nagar				**0**
17	IP Estate			10.9	**10.9**
	LT BYPL				**5.6**
		0	**50.16**	**85.08**	**140.84**
2	**Electric Lane**				
1	Electric Lane			5.04	**5.04**
2	Scindia House			5.04	**5.04**
3	Raisina Road			10.08	**10.08**
4	Raja Bazar			10.08	**10.08**
	LT NDMC				**12**
		0	**0**	**30.24**	**42.24**
3	**RPH Station**		20		**20**
1	Lahori Gate			10.49	**10.49**
2	Jama Masjid			10.48	**10.48**
4	Kamla Market				**0**
5	Minto Road			10.9	**10.9**
6	GB Pant Hosp				**0**
7	IG Stadium				**0**
	LT BYPL				**3**
		0	**20**	**31.87**	**54.87**
4	**Parkstreet S/stn**	20	20		**40**
1	Shastri Park		10.896	5.45	**16.346**
2	Faiz Road			18.05	**18.05**
3	Motia Khan			16.3	**16.3**
4	Prasad Nagar			16.25	**16.25**
5	Anand Parbat			10.8	**10.8**
6	Shankar Road			5.04	**5.04**
7	Rama Road			0	**0**
8	Baird Road			10.08	**10.08**
9	Hanuman Road			5.04	**5.04**
10	Pusa			5.44	**5.44**
11	Ridge Valley			0	**0**
12	B. D. Marg			0	**0**
13	Nirman Bhawan			5.04	**5.04**
	LT BYPL			0	**30.1**
		20.00	**30.90**	**97.49**	**178.486**
5	**Naraina S/stn**		20	5.04	**25.04**
1	DMS			10.85	**10.85**
2	Mayapuri		10.87	10.4	**21.27**
3	Inderpuri		10	4.8	**14.8**
4	Rewari line				**0**
5	Khyber Lane		10.05		**10.05**
6	Kirbi Place		10.05		**10.05**
7	Payal			7.2	**7.2**
8	Saraswati Garden			10.88	**10.88**
		0	**60.97**	**49.17**	**110.14**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
6	**Mehrauli S/stn**	80		5.04	**85.04**
1	Adchini			14.61	**14.61**
2	Andheria Bagh			10.85	**10.85**
3	IIT			10.9	**10.9**
4	JNU		10.03	10.03	**20.06**
5	Bijwasan			15.47	**15.47**
6	DC Saket			9.98	**9.98**
7	Malviya Nagar				**0**
8	C Dot			10.48	**10.48**
9	Vasant kunj B-Blk	21.79		10.9	**32.69**
10	Vasant kunj C-Blk	20.16		10.48	**30.64**
11	Palam				**0**
12	IGNOU			5.04	**5.04**
13	R. K. Puram-I			10.07	**10.07**
14	Vasant Vihar			19.25	**19.25**
15	Pusp Vihar			10.44	**10.44**
16	Bhikaji Cama Place		10.08	10.07	**20.15**
	LT BRPL				**25**
		121.95	**20.11**	**163.61**	**330.67**
7	**Vasantkunj S/stn**	40		5.04	**45.04**
1	R. K. Puram-II			10.08	**10.08**
2	Vasant kunj C-Blk				**0**
3	Vasant kunj D-Blk			9.63	**9.63**
4	Ridge Valley				**0**
	LT BRPL				**33.2**
		40	**0**	**24.75**	**97.95**
8	**Okhla S/stn**	60	10	5.04	**75.04**
1	Balaji			10.8	**10.8**
2	East of Kailash			15.89	**15.89**
3	Alaknanda			16.3	**16.3**
4	Malviya Nagar	21.79		10.85	**32.64**
5	Masjid Moth			16.3	**16.3**
6	Nehru Place			21.34	**21.34**
7	Okhla Ph-I	21.79		16.3	**38.09**
8	Okhla Ph-II		20.93	15.47	**36.4**
9	Shivalik			10.8	**10.8**
10	Batra			15.9	**15.9**
11	VSNL			10.9	**10.9**
12	Siri Fort			10.49	**10.49**
13	Tuglakabad			10.85	**10.85**
	LT BRPL				**59**
		103.58	**30.93**	**187.23**	**380.74**
9	**Lodhi Road S/stn**		20		**20**
1	Defence Colony		14.85		**14.85**
2	Hudco		10.9		**10.9**
3	Lajpat Nagar		10.9		**10.9**
4	Nizamuddin		10.44		**10.44**
5	Vidyut Bhawan				**0**
6	Ex. Gr. II				**0**
7	IHC				**0**
	LT BRPL				**42**
		0	**67.09**	**0**	**109.09**
10	**Sarita Vihar S/stn**	20		5.04	**25.04**
1	Sarita Vihar			10.07	**10.07**
2	MCIE			10.06	**10.06**
3	Mathura Road	20.16		11.69	**31.85**
4	Jamia Millia			10.89	**10.89**
5	Sarai Julena		10.08	16.29	**26.37**
6	Jasola			5.44	**5.44**
	LT BRPL				**23.6**
		40.16	**10.08**	**69.48**	**143.32**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
11	**Wazirabad**				
1	Bhagirathi		14.4	10.9	**25.3**
2	Ghonda	21.79	22.56	15.94	**60.29**
3	Seelam Pur		10.08	21.39	**31.47**
4	Dwarkapuri			15.46	**15.46**
5	Nandnagri	20.16		16.35	**36.51**
6	Yamuna Vihar			16.2	**16.2**
7	East of Loni Road			10.8	**10.8**
8	Shastri Park			10.9	**10.9**
9	Karawal Nagar			5.4	**5.4**
10	Sonia Vihar			7.2	**7.2**
	LT BYPL				**10**
		41.95	**47.04**	**130.54**	**229.53**
12	**Geeta Colony**				
1	Geeta Colony				**0**
2	Kanti Nagar			10.49	**10.49**
3	Kailash Nagar			10.9	**10.9**
4	Seelam Pur			15.48	**15.48**
5	Shakar Pur				**0**
	LT BYPL				**5.8**
		0	**0**	**36.87**	**42.67**
13	**Gazipur S/stn**	40		5.04	**45.04**
1	Dallupura	28.8		10.9	**39.7**
2	Vivek Vihar			9.57	**9.57**
3	GT Road			10.85	**10.85**
4	Kondli	20.16		10.85	**31.01**
5	MVR-I			10.9	**10.9**
6	MVR-II	20.16		10.9	**31.06**
7	PPG Ind. Area			10.06	**10.06**
	LT BYPL				**20.6**
		109.12	**0**	**79.07**	**208.79**
14	**Patparganj S/stn**	40	20	5.04	**65.04**
1	GH-I	19.89		10.45	**30.34**
2	GH-II	20.09		10.9	**30.99**
3	CBD		10.03	15.48	**25.51**
4	Guru Angad Nagar			15.49	**15.49**
5	Karkadooma		10.8	10.44	**21.24**
6	Preet Vihar			10.07	**10.07**
7	CBD-II			10.8	**10.8**
8	Shakarpur			10.8	**10.8**
9	Jhilmil			10.8	**10.8**
10	Dilshad Garden	20.16		16.35	**36.51**
11	Khichripur	21.79		10.49	**32.28**
12	Mother Dairy				**0**
13	Scope Building				**0**
14	Vivek Vihar				**0**
15	Akhardham			14.6	**14.6**
	LT BYPL				**23.3**
		121.93	**40.83**	**151.71**	**337.77**
15	**Najafgarh S/stn**	60		5.04	**65.04**
1	A4 Paschim Vihar			10.8	**10.8**
2	Nangloi	21.73		15.84	**37.57**
3	Nangloi W/W	20.89		10.85	**31.74**
4	Pankha Road			15.88	**15.88**
5	Jaffarpur			15.43	**15.43**
7	Inst. Area Janakpuri			17.6	**17.6**
8	Paschimpuri		10.05	15.47	**25.52**
9	Paschim Vihar	41.83		15.43	**57.26**
10	Mukherjee Park			20.83	**20.83**
11	Udyog Nagar			10.43	**10.43**
12	Choukhandi			10.07	**10.07**
	LT BRPL				**27**
		144.45	**10.05**	**163.67**	**345.17**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
16	**Pappankalan-I S/stn**	20		5.04	**25.04**
1	Bindapur Grid G-3 PPK	21.73		15.85	**37.58**
2	Bodella-I	20.1		16.24	**36.34**
3	Bodella-II	21.73		17.64	**39.37**
4	DC Janakpuri			10.03	**10.03**
5	G-2 PPK			10.8	**10.8**
6	G-5 PPK			15.51	**15.51**
7	G-6 PPK			5.4	**5.4**
8	G-15 PPK			10.8	**10.8**
9	Harinagar	21.18		16.25	**37.43**
10	Rewari line			5.44	**5.44**
	LT BRPL				**13.5**
		104.74	**0**	**129**	**247.24**
17	**BBMB Rohtak Road**				
1	S.B. Mill			10.07	**10.07**
2	Rama Road			10.88	**10.88**
3	Ram Pura			10.48	**10.48**
4	Rohtak Road			8.04	**8.04**
5	Vishal			10.4	**10.4**
6	Tri Nagar			5.44	**5.44**
7	Madipur			10.43	**10.43**
8	Sudershan Park			10.08	**10.08**
9	Kirti Nagar			5.44	**5.44**
		0	**0**	**81.26**	**81.26**
18	**Shalimarbagh S/stn**		40	6	**46**
1	S.G.T. Nagar			5.44	**5.44**
2	Wazirpur-1			17.18	**17.18**
3	Wazirpur-2			11.39	**11.39**
4	Ashok Vihar			5.44	**5.44**
5	Rani Bagh			10.88	**10.88**
6	Haiderpur			11.39	**11.39**
7	SMB FC			5.44	**5.44**
8	SMB KHOSLA			5.44	**5.44**
	LT TPDDL				**30**
		0	**40**	**78.6**	**148.6**
19	**Subzimandi S/stn**			6	**6**
1	Shakti Nagar			5.94	**5.94**
2	Gulabibagh			10.88	**10.88**
3	Shahzadabagh			13.68	**13.68**
4	DU			5.44	**5.44**
5	Tripolia			10.88	**10.88**
	B. G. Road			5.4	**5.4**
	LT BYPL				**0.9**
	LT TPDDL				**20**
		0	**0**	**58.22**	**79.12**
20	**Narela S/stn**	40		5.04	**45.04**
1	A-7 Narela			10.88	**10.88**
2	AIR Kham pur			6	**6**
3	Ashok vihar			10.48	**10.48**
4	Azad Pur			5.44	**5.44**
5	Tri Nagar			5.44	**5.44**
6	Badli	20		5.95	**25.95**
7	DSIDC Narela-1			5.95	**5.95**
8	GTK			5.44	**5.44**
9	Jahangirpuri	20	10	0	**30**
10	Bhalswa			3.6	**3.6**
	LT TPDDL				**10**
		80	**10**	**64.22**	**164.22**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
21	**Gopalpur S/stn**		30	5.04	**35.04**
1	Azad Pur			10.88	**10.88**
2	Hudson Lane			5.44	**5.44**
3	Wazirabad			2.4	**2.4**
4	Indra Vihar			5.44	**5.44**
6	GTK Road			5.94	**5.94**
7	Jahangirpuri		10	5.95	**15.95**
8	Civil lines			5.44	**5.44**
9	Pitam Pura-1			5.44	**5.44**
10	Pitam Pura-3			5.44	**5.44**
11	Air Khampur			5.95	**5.95**
12	SGT Nagar			5.95	**5.95**
13	Tiggipur			10.88	**10.88**
	LT TPDDL				**29**
		0	**40**	**80.19**	**149.19**
22	**Rohini S/stn**	40		6	**46**
1	Rohini Sec-22			10.88	**10.88**
2	Rohini Sec-23	20		5.44	**25.44**
3	Rohini Sec-24			5.44	**5.44**
4	Rohini-1			5.44	**5.44**
5	Rohini-3			5.95	**5.95**
6	Rohini-4			11.39	**11.39**
7	Rohini-5			11.39	**11.39**
8	Rohini-6			5.95	**5.95**
9	Mangolpuri-1			16.83	**16.83**
10	Mangolpuri-2	20		5.94	**25.94**
11	Pitam Pura-1	20		5.04	**25.04**
12	Pitam Pura-2			10.48	**10.48**
13	Rohini DC-1			14.4	**14.4**
	LT TPDDL				**30**
		100	**0**	**120.57**	**250.57**
23	**Kanjhawala S/stn**	20		5.04	**25.04**
1	Bawana Clear Water			10.88	**10.88**
2	Pooth Khoord			5.44	**5.44**
		20	**0**	**21.36**	**41.36**
24	**BAWANA S/stn**				
1	Bawana S/stn No. 6			10.88	**10.88**
2	Bawana S/stn No. 7				**0**
		0	**0**	**10.88**	**10.88**
25	**Kashmeregate S/stn**			5.04	**5.04**
1	Civil lines			5.44	**5.44**
2	Town Hall			8.64	**8.64**
3	Fountain			5.45	**5.45**
	LT BYPL				**2.7**
		0	**0**	**24.57**	**27.27**
26	**Pappankalan-II**				
1	DMRC-I				**0**
2	DMRC-II				**0**
27	**Trauma Center (AIIMS)**				
1	AIIMS		13.26	5.04	**18.3**
2	Trauma Center			10.08	**10.08**
3	Netaji Nagar			15.12	**15.12**
4	Sanjay Camp			10.08	**10.08**
5	Kidwai Nagar			5.04	**5.04**
6	SJ Airport			5.04	**5.04**
	Race Course			5.04	**5.04**
		0	**13.26**	**55.44**	**68.7**

Sl. No	SUB-STATION	INSTALLED CAPACITY			
		66KV	33kV	11kV	**TOTAL**
28	**MUNDKA**				
	Rohini-2			11.39	**11.39**
	LT BRPL				**18.5**
		0	**0**	**11.39**	**29.89**
29	**DSIDC BAWANA**				
	DSIDC NRL-1	20			**20**
	DSIDC NRL-2			10.88	**10.88**
		20	**0**	**10.88**	**30.88**
30	**RIDGE VALLEY**				
	Keventry Diary			10.08	**10.08**
	Nehru Park			5.04	**5.04**
	Bapu Dham			10.08	**10.08**
		0	**0**	**25.2**	**25.2**
31	**IP EXTN (PRAGATI)**				
	Vidyut Bhawan			10.08	**10.08**
	Dalhousie Road			5.04	**5.04**
	School Lane			5.04	**5.04**
	LT NDMC				**12.29**
		0	**0**	**20.16**	**32.45**
	TOTAL CAPACITY	**1067.9**	**491.4**	**2092.7**	**4139**

Utility	**HT**	**LT**	**Total**
BYPL	**864**	**102**	**966**
TPDDL	**657**	**119**	**776**
NDMC	**180**	**24**	**204**
DTL	**754**	**0**	**754**
BRPL	**1158**	**242**	**1400**
RPH	**20**	**0**	**20**
MES	**20**	**0**	**20**
TOTAL	**3652**	**487**	**4139**

20 DETAILS OF BREAK-DOWNS DURING THE MONTH OF OCTOBER 2013

SL NO.	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
1	02.10.13	6:24	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	02.10.13	7:00	TX TRIPPED ON O/C,B-PH.
2	02.10.13	6:24	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	02.10.13	6:55	TX TRIPPED ON E/F.
3	02.10.13	6:24	INDRAPRASTHA POWER 33kV KILOKRI CKT (BAY-25)	07.10.13	15:35	CKT TRIPPED ON E/F. CB OF CKT DAMAGED.
4	03.10.13	6:13	SUBZI MANDI 33/11kV, 16MVA Tx-I	03.10.13	6:30	TX ALONG WITH 11KV TRIPPED ON O/C, E/F.
5	03.10.13	22:50	SUBZI MANDI 33/11kV, 16MVA Tx-I	03.10.13	23:50	TX TRIPPED ON NON DIRECTIONAL 51(O/C) R,Y&B-PH 86 A&B. 11KV I/C-1 TRIPPED ON O/C, R&B-PH.
6	05.10.13	12:21	220kV BAWANA-DSIIDC BAWANA CKT-I	05.10.13	16:31	CKT. TRIPPED ON DISTANCE PROT. , ZONE 1 AT BAWANA DSIDC, DIST. 1.6KM
7	05.10.13	21:17	220kV GEETA COLONY-PATPARGANJ CKT -II	05.10.13	21:47	CKT. TRIPPED ON DIST. PROT. ZONE -2, 86, 30E, 27, TOP PHASE JUMPER SNAPPED ON TOWER NO. 372
8	05.10.13	21:17	220kV WAZIRABAD-GEETA COLONY CKT-I	05.10.13	21:42	CKT. TRIPPED ON DISTANCE PROT., B PHASE AT WAZIRABAD
9	06.10.13	1:03	220KV WAZIRABAD - MANDOLA CKT-II	06.10.13	1:12	CKT. TRIPPED ON 86 RELAY AT WAZIRABAD, R PHASE OF GEETA COLONY CAUGHT FIRE AND DAMAGED AT WAZIRABAD
10	06.10.13	5:21	WAZIRABAD 66kV YAMUNA VIHAR CKT-II	06.10.13	16:43	Ckt. tripped on O/C, B Phase, 86, Dist. Prot. Zone-3/4
11	06.10.13	12:45	220kV PRAGATI - SARITA VIHAR CKT	06.10.13	15:18	AT SARITA VIHAR CKT. TRIPPED ON AUTO RECLOSE LOCKOUT, 186AB, AT PARGATI SARITA VIHAR TRIPPED ON ACTIVE GTROUP -I DIST. PORT. ZONE-I
12	06.10.13	13:00	220kV MAHARANI BAGH - SARITA VIHAR CKT	06.10.13	13:12	CKT. TRIPPED ON DIST. PROT, E/F AT MAHARANI BAGH
13	06.10.13	17:08	GEETA COLONY 220/33kV 100MVA Tx-I	07.10.13	12:30	100MVA PR. TR. -I TRIPPED ALONGWITH 33KV I/C-I
14	07.10.13	9:55	PAPPANKALAN-I 66kV BINDAPUR CKT-I	07.10.13	11:20	CKT. TRIPPED ON 186, WHEN TRIED SPARKING OBSERVED ON O/C RELAY
15	07.10.13	11:40	PAPPANKALAN-I 66kV BINDAPUR CKT-I	07.10.13	13:45	CKT. TRIPPED ON 186
16	07.10.13	16:43	OKHLA 33kV MASJID MOTH CKT	07.10.13	19:02	CKT. TRIPPED ON DIST PROT. ZONE-I Y PHASE 186.
17	07.10.13	18:15	220kV GAZIPUR - BTPS CKT	28.10.13	9:27	AT BTPS CKT. TRIPPED ON DIST. PROT. ZONE-I, DIST. 10.4KM. CABLE FAULTY
18	11.10.13	6:41	220 KV PATPARGANJ - I.P. CKT-II	11.10.13	15:10	AT I.P.END :CKT. TRIPPED ON 186, 186, 86X & ABC, DISTANCE PROT. , AT PPG : CKT. TRIPPED ON 186, 186, 86X, ABC PHASAE, DISTANCE PORT
19	11.10.13	8:04	220kV GOPALPUR- MANDOLACKT-I	11.10.13	21:35	CKT. TRIPPED ON DISTANCE PROT. ZONE-I AT GOPALPUR, AT MANDOLA Y PHASE TO GROUND, ZONE -2
20	11.10.13	8:30	NAJAFGARH 66kV NANGLOI CKT	11.10.13	11:35	CKT. TRIPPED ON DISTANCE PROT. ZONE-1
21	11.10.13	8:35	SHALIMAR BAGH 33kV WAZIR PUR CKT-I	11.10.13	15:51	CKT. TRIPPED ON DIST. PORT. ZONE-1, 186
22	11.10.13	9:05	PARKSTREET 66/33kV, 30MVA Tx-II	11.10.13	14:22	TR. TRIPPED ON BUCH RELAY
23	11.10.13	9:20	PAPPANKALAN-I 66/11kV, 20MVA Tx-II	11.10.13	9:57	TR. TRIPPED ON O/C
24	11.10.13	16:22	GOPALPUR 33kV WAZIRABAD-I	11.10.13	19:42	CKT. TRIPPED ON O/C ALONGWITH I/C-III BUS-II, INSULATOR & PG CLAMP DAMAGED
25	11.10.13	16:22	GOPALPUR 33kV WAZIRABAD-II	11.10.13	19:42	CKT. TRIPPED ON DIST. PROT
26	13.10.13	8:06	220kV MAHARANI BAGH - LODHI ROAD CKT-I	13.10.13	11:10	WOMEN CLIMBED ON TOWER, MADE OFF FOR SECURITY REASONS
27	13.10.13	8:06	220kV MAHARANI BAGH - LODHI ROAD CKT-II	13.10.13	11:10	WOMEN CLIMBED ON TOWER, MADE OFF FOR SAFETY RESONS
28	13.10.13	10:25	RIDGE VALLEY 220/66kV 160MVA Tx-I	13.10.13	22:40	TR. TRIPPED ON 86A, 86B, DIFF. PROT.
29	13.0.13	12:36	PATPARGANJ 33kV SHAKAR PUR CKT	13.0.13	15:28	CKT. TRIPPED ON E/F, EARTH LINK DAMAGED
30	13.0.13	18:04	MEHRAULI 66kV MALVIYA NAGAR CKT-II	13.0.13	20:15	CKT. TRIPPED ON DIST. PROT.,ZONE-I
31	14.10.13	21:10	INDRAPRASTHA POWER 220/33kV 100MVA Tx-II	16.10.13	23:25	I/C-II TRIPPED ON E/F
32	14.10.13	21:10	INDRAPRASTHA POWER 220/33kV 100MVA Tx-I	16.10.13	23:25	I/C-I TRIPPED ON 86
33	15.10.13	11:37	LODHI RD 33/11kV, 16MVA Tx-III	15.10.13	14:55	TR. TRIPPED ON O/C , 86
34	15.10.13	17:28	NARAINA 33kV DMS CKT	15.10.13	22:58	CKT. TRIPPED ON DIST. PROT, E/F

SL NO.	OCCURRENCE OF BREAK-DOWN		DETAILS OF THE BREAKDOWN	TIME OF RESTORATION		REMARKS
	DATE	TIME		DATE	TIME	
35	16.10.13	21:19	220kV GOPALPUR- MANDOLACKT-II	16.10.13	21:44	CKT TRIPPED ON SPS FROM MANDOLA, NO TRIPPING AT GOPALPUR
36	16.10.13	21:19	220kV GOPALPUR- MANDOLACKT-I	16.10.13	21:42	CKT. TRIPPED ON SPS OPERATED AT MANDOLA NOT TRIPPING AT GOPALPUR
37	16.10.13	21:44	SUBZI MANDI 220/33kV 100MVA Tx-II	16.10.13	22:29	TR. TRIPPED ON O/C, E/F 186 WITH33KV I/C-II ON 86
38	17.10.13	6:46	OKHLA 66kV MALVIYA NAGAR CKT-III	17.10.13	6:58	CKT. TRIPPED ON DIST. PROT., ZONE-1
39	18.10.13	13:04	220kV BAMNAULI-PAPPANKALAN-II CKT-II	18.10.13	15:55	TRIPPED ON DIST. PROT ZONE-2
40	18.10.13	18:28	GOPALPUR 33kV 10MVAR CAP. BANK-I	19.10.13	12:45	CAPACITOR BANK TRIPPED ON INSTANTANIOUS RELAY, 86
41	20.10.13	19:08	220kV PRAGATI - SARITA VIHAR CKT	21.10.13	12:52	CRITICAL HOT POINT REPORTED AT Y-PH LINE ISOLATOR CLAMP CVT SIDE SO CKT MADE OFF AT 19:08 HRS OF 20.10.13.S/D AVAILED TO ATTEND HOT POINT AT Y-PH LINE ISOLATOR CLAMP CVT SIDE.
42	20.10.13	19:50	220kV GOPALPUR-SUBZI MANDI CKT-II	21.10.13	16:46	SPARKING REPORTED AT TOWER NO-11, CKT MADE OFF AT 19:50 HRS OF 20.10.13. LATER S/D AVAILED TO TO ATTEND THE PROBLEM.
43	21.10.13	1:35	NARELA 220/66kV 100MVA Tx-I	21.10.13	1:47	TX TRIPPED ON 86.
44	24.10.13	18:30	400kV Mandola-Bawana Ckt-II	24.10.13	18:43	AT BAWANA CKT TRIPPED ON 85,186 AND CARRIER FAIL. NO TRIPPING AT MANDOLA.
45	25.10.13	15:58	OKHLA 220/33kV 100MVA Tx-III	25.10.13	16:10	TX ALONG WITH 33KV I/C-3 TRIPPED ON E/F.
46	26.10.13	18:55	SARITA VIHAR 220/66kV 100MVA Tx-II	27.10.13	21:05	66KV I/C-2 B-PH POLE BASTED AND DAMAGED.
47	27.10.13	13:25	ROHINI 66kV ROHINI SEC-24 CKT-I	27.10.13	16:10	CKT TRIPPED ON D/P & PT FUSE FAILURE.
48	28.10.13	0:02	GOPALPUR 33kV INDRA VIHAR CKT-II	28.10.13	10:08	CKT TRIPPED WITHOUT INDICATION. PROBLEM IN CB OF LINE.
49	28.10.13	12:16	220kV NARELA - MANDOLA CKT-II	28.10.13	16:50	AT NRL CKT TRIPPED ON D/P,Z-2,DIST-19 KM,186. AT MDL CKT TRIPPED ON CB AUTO TRIP,A/R, 186
50	28.10.13	16:11	400kV Mundka-Jhatikara Ckt-II	28.10.13	16:28	CKT TRIPPED ON DIRECT TRIP COMMAND SIGNAL DURING PROTECTION TESTING OF ISLAND SCHEME AT MANDOLA
51	29.10.13	6:35	VASANT KUNJ 66kV VASANT KUNJ C-I CKT	29.10.13	15:30	CKT TRIPPED ON 186. PROBLEM IN CB.
52	29.10.13	10:00	KANJHAWALA 66/11kV, 20MVA Tx-II	29.10.13	13:40	11KV I/C-2 TRIPPED ON O/C.
53	29.10.13	10:01	LODHI RD 33/11kV, 16MVA Tx-III	29.10.13	13:20	TX TRIPPED ON O/C,ALL PHASE,86 AND 11KV I/C-3 TRIPPED ON O/C,R&B-PH,86.
54	29.10.13	22:53	KANJHAWALA 66/11kV, 20MVA Tx-II	STILL CONTD.		TX-2 TRIPPED ON 195c,80,25c,64RLV,O/C,86 AND 11KV I/C-1 TRIPPED ON E/F,O/C,R&B-PH,DC FAILED. FIRE BROKE OUT IN 11KV PANEL AND SWITCH-GEAR. 11KV I/C-2 TROLLEY DAMAGED IN FIRE.
55	29.10.13	22:53	KANJHAWALA 66/11kV, 20MVA Tx-I	30.10.13	5:22	TX-1 TRIPPED ON OLTC BUCHHOLZ,30G,86 AND 11KV I/C-1 TRIPPED ON DC FAILED. FIRE BROKE OUT IN 11KV PANEL AND SWITCH-GEAR.
56	29.10.13	23:54	KANJHAWALA 220/66kV 100MVA Tx-II	30.10.13	11:48	TX CB TRIPPED ON LOW GAS PRESSURE.(LT SUPPLY FAILED DUE TO FIRE IN 11KV PANEL AND SWITCH-GEAR)
57	31.10.13	8:16	WAZIRABAD 220/66kV 100MVA Tx-III	31.10.13	8:45	66KV I/C-3 TRIPPED ON E/F,86.
58	31.10.13	8:16	WAZIRABAD 66/11kV, 20MVA Tx-IV	31.10.13	8:48	11KV I/C-4 TRIPPED WITHOUT INDICATION.
59	31.10.13	8:16	WAZIRABAD 220/66kV 100MVA Tx-I	31.10.13	13:00	66KV I/C-1 TRIPPED ON O/C,E/F.
60	31.10.13	8:16	WAZIRABAD 220/66kV 100MVA Tx-II	31.10.13	8:45	66KV I/C-2 TRIPPED ON E/F,86.
61	31.10.13	8:16	WAZIRABAD 66/11kV, 20MVA Tx-III	31.10.13	10:15	TX TRIPPED ON 30F,86 AND 11KV I/C-3 TRIPPED WITHOUT INDICATION.

20 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF OCTOBER 2013

DATE	S. N.	TIME		Name of Grid	NAME OF AFFECTED FEEDERS	MODE	LOAD RELIEF IN MW
		OUT	IN				
10.10.13	1	19:00	19:15	OKHLA	BALAJI CKT. -II	DF/DT	0
11.10.13	2	5:47	5:49	SHALIMARBAGH	ASHOK VIHAR	MALFUNCTIONING	11
18.10.12	3	12:32	12:38	GOPALPUR	11KV LOAD	DF/DT	5
27.10.13	4	16:25	16:34	GEETA COLONY		DF/DT	27
27.10.13	5	16:24	16:27	LODHI ROAD	INDIAN HABITAT CENTER	DF/DT	1